

La presente deliberazione viene affissa il 21 MAR. 2005 all'Albo Pretorio per rimanervi 15 giorni

PROVINCIA di BENEVENTO

Deliberazione della Giunta Provinciale di Benevento n. 134 del 18 MAR. 2005

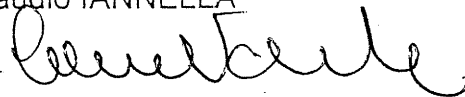
OGGETTO : Bando EIE (Energia Intelligente per l'Europa) 2004 – Azione di Tipo 2 per la “Creazione di Agenzie locali o regionali per la gestione energetica” – Progetto per la costituzione dell’ASEA, “Agenzia Sannita per l'Energia e l'Ambiente” della Provincia di Benevento

L'anno duemilacinque il giorno dieci del mese di marzo presso la Rocca dei Rettori si è riunita la Giunta Provinciale con l'intervento dei Signori:

1) On.le Carmine NARDONE	- Presidente	_____
2) Rag. Giovanni MASTROCINQUE	- Vice Presidente	_____
3) Rag. Alfonso CIERVO	- Assessore	_____
4) Ing. Pompilio FORGIONE	- Assessore	<u>ASSENTE</u>
5) Dott. Pasquale GRIMALDI	- Assessore	_____
6) Dott. Giorgio Carlo NISTA	- Assessore	_____
7) Dott. Carlo PETRIELLA	- Assessore	_____
8) Dott. Rosario SPATAFORA	- Assessore	<u>ASSENTE</u>
9) Geom. Carmine VALENTINO	- Assessore	_____

Con la partecipazione del Segretario Generale Dott. Gianclaudio IANNELLA

L'ASSESSORE PROPONENTE ~~Dott. Rosario Spatafora~~



LA GIUNTA

Premesso che:

- la Commissione Europea propone oggi un nuovo Programma pluriennale di azioni nel settore dell'energia, “Energia Intelligente per l'Europa” (2003-2006), con l'obiettivo di rafforzare il sostegno europeo alla promozione delle energie rinnovabili, dell'efficienza e del risparmio energetico, e di politiche a basso impatto ambientale riconoscendo un cofinanziamento pari al 50% del costo totale dei progetti;

- la Provincia di Benevento nell'ambito della propria pianificazione e programmazione si è dotata del P.E.A. –Piano Energetico Ambientale approvato in Consiglio Provinciale con proprio atto deliberativo n. 72/04 che nell'ambito settore energetico definisce obiettivi, azioni, risultati attesi, tempi e risorse necessarie a conseguire gli obiettivi generali di contenimento delle emissioni climateranti e che contiene inoltre le indicazioni dell'intera programmazione energetica dell'ente Provincia.

Considerato che:

- la Provincia di Benevento intende partecipare al Bando Europeo, il cui termine ultimo di presentazione del progetto è il 23 Marzo 2005, con una propria proposta progettuale di costituzione dell'ASEA, "Agenzia Sannita per l'Energia e l'Ambiente";
- la realizzazione di tale iniziativa s'inquadra in una concreta attuazione dello strumento di pianificazione energetica territoriale, finalizzata da un lato a razionalizzare i consumi di energia e dall'altro a valorizzare le locali fonti energetiche rinnovabili, delle quali il territorio provinciale è dotato in misura significativa;
- la Provincia di Benevento, nella partecipazione al Bando europeo, intende assumere la veste di soggetto proponente e coordinatore di un ampio ed autorevole partenariato locale e transnazionale di progetto;
- numerosi saranno i vantaggi per la popolazione del territorio della Provincia di Benevento;
- la spesa scaturente dalla partecipazione della Provincia al Bando EIE (Energia Intelligente per l'Europa) 2004 – Azione di Tipo 2 per la "Creazione di Agenzie locali o regionali per la gestione energetica", per il triennio 2005-2007 di attività dell'ASEA, sarà di € 250.000,00 e graverà sul competente capitolo di bilancio 2005, da istituirsi con relativa variazione di bilancio;

Ritenuto doversi approvare in via preventiva il programma – progetto di costituzione dell'ASEA, "Agenzia Sannita per l'Energia e l'Ambiente" della Provincia di Benevento;

Esprime parere favorevole circa la regolarità tecnica della proposta.

Li _____

Il Dirigente S.M.E.
(dott.ssa Giovanna Romano)

Esprime parere favorevole circa la regolarità contabile della proposta,

Li _____

Il Dirigente del Settore FINANZE
E CONTROLLO ECONOMICO
(Dott. Sergio Muollo)

LA GIUNTA

Su relazione dell'Assessore al ramo
A voti unanimi

DELIBERA

La premessa è parte integrante e sostanziale del presente dispositivo;

1. di approvare in via preventiva il programma-progetto allegato alla presente deliberazione, per la creazione dell'ASEA -Agenzia Sannita per l'Energia e l'Ambiente della Provincia di Benevento, che forma parte integrante e sostanziale del presente provvedimento;
2. di dare atto che la somma di € 250.000,00 per il triennio 2005-2007 per l'attività dell'ASEA, graverà sul competente capitolo di bilancio 2005, da istituirsi con relativa variazione di bilancio;
3. di onerare il Dirigente del Settore Mobilità-Energia di tutti gli adempimenti consequenziali

Verbale letto, confermato e sottoscritto

IL SEGRETARIO GENERALE
(Dr. Gianclaudio IANNELLA)

IL PRESIDENTE
(Dr. Carmine NARDONE)

N. 222 Registro Pubblicazione

Si certifica che la presente deliberazione è stata affissa all'Albo in data odierna, per rimanervi per 15 giorni consecutivi a norma dell'art. 124 del T.U. - D. Lgs. 18.8.2000, n.267

BENEVENTO 21 MAR. 2005

IL MESSO

IL SEGRETARIO GENERALE
IL SEGRETARIO GENERALE
(Dott. Gianclaudio IANNELLA)

La suesesa deliberazione è stata affissa all'Albo Pretorio in data 21 MAR. 2005 e contestualmente comunicata ai Capigruppo ai sensi dell'art. 125 del T.U. - D. Lgs.vo 18/8/2000, n. 267..

SI ATTESTA, che la presente deliberazione è divenuta esecutiva a norma n. 124 del T.U. - D. Lgs. 18.8.2000, n.267 e avverso la stessa non sono stati sollevati rilievi nei termini di legge.

li 6 APR. 2005

IL RESPONSABILE DELL'UFFICIO

IL SEGRETARIO GENERALE
IL SEGRETARIO GENERALE
(F.to Dott. Gianclaudio IANNELLA)

Si certifica che la presente deliberazione è divenuta esecutiva ai sensi del T.U. - D. Lgs. 18.8.2000, n.267 il giorno 6 APR. 2005.

- ☒ Dichiarata immediatamente eseguibile (art. 134, comma 4, D.Lgs.vo 18/8/2000, n. 267)
☐ Decorsi 10 giorni dalla sua pubblicazione (art. 134, comma 3, D.Lgs.vo 18/8/2000, n. 267)
☐ E' stata revocata con atto n. _____ del _____.

BENEVENTO, li _____

IL SEGRETARIO GENERALE
IL SEGRETARIO GENERALE
(Dott. Gianclaudio IANNELLA)

Copia per feopie
SETTORE SME
SETTORE FINANZA
SETTORE _____
Revisori dei Conti
☒ Nucleo di Valutazione
cap. Capigruppo

il 2566 prot. n. Es. 2991
il 2566 prot. n. 8.4.05
il 2566 prot. n. _____
il 2566 prot. n. _____
il 2566 prot. n. _____



PROVINCIA di BENEVENTO

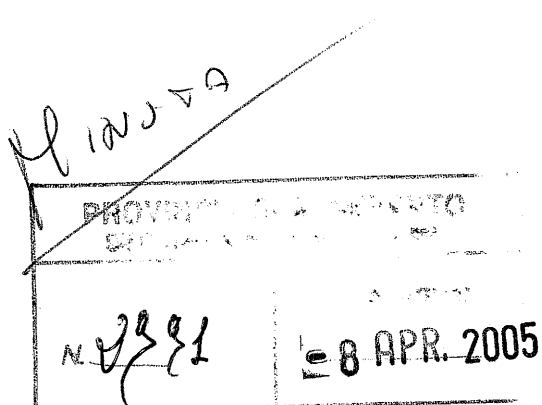
Settore Servizi ai Cittadini

Servizio Affari Generali

Prot. n.

Benevento, li.....

U.O.: GIUNTA/CONSIGLIO



AL DIRIGENTE DEL SETTORE
MOBILITA' - ENERGIA

SEDE

Oggetto: Delibera G.P. n. 134 del 18.3.2005 ad oggetto: "Bando EIE (Energia Intelligente per l'Europa) 2004 - Azione di Tipo 2 per la "Creazione di Agenzie Locali o Regionali per la gestione energetica" - Progetto per la costituzione dell'ASEA, "Agenzia Sannita per l'Energia e l'Ambiente" della Provincia di Benevento".-

Per quanto di competenza, si trasmette copia estratto della delibera indicata in oggetto, esecutiva.-

IL DIRIGENTE
- Dr. ssa Patrizia TARANTO -

epu



PROVINCIA di BENEVENTO

Settore Servizi ai Cittadini

Servizio Affari Generali

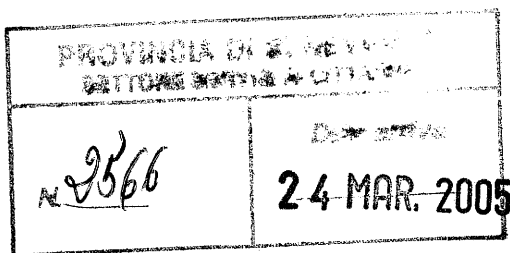
351
22-3-05

Prot. n.

Benevento, lì.....24 MAR. 2005

U.O.: GIUNTA/CONSIGLIO

MINUTA



AL DIRIGENTE DEL SETTORE
MOBILITA' - ENERGIA

AL DIRIGENTE DEL SETTORE
FINANZA E CONTROLLO
ECONOMICO

AL PRESIDENTE
NUCLEO DI VALUTAZIONE
SEDE

Oggetto: Delibera G.P. N. 134 del 18.3.2005 ad oggetto: "BANDO EIE (ENERGIA INTELLIGENTE PER L'EUROPA) 2004 - AZIONE DI TIPO 2 PER LA "CREAZIONE DI AGENZIE LOCALI O REGIONALI PER LA GESTIONE ENERGETICA" - PROGETTO PER LA COSTITUZIONE DELL'ASEA, "AGENZIA SANNITA PER L'ENERGIA E L'AMBIENTE" DELLA PROVINCIA DI BENEVENTO".-

Per quanto di competenza si rimette copia della delibera indicata in oggetto, immediatamente esecutiva.

IL DIRIGENTE DEL SETTORE
- Dr. ssa Patrizia TARANTO -

ape



Proposal number
(to be inserted by the Commission)

European Commission
Directorate-General for Energy and Transport

Intelligent Energy - Europe (IEE)

Call for proposals 2004

TREN/DIR D/SUB/05-2004

Application form
Type 2 Actions

- Establishment of local and regional energy agencies -

Part I

Full title of the proposed action:	CREATION OF NEW ENERGETIC AGENCIES IN BENEVENTO (ITALY) AND HULL CITY COUNCIL (UNITED KINGDOM)
Proposal Acronym:	ENA-BEN-HUL

Addressed Key Action (s):	HKA2 (Horizontal)	
Addressed Target Area(s):	HKA2.2	

Distribution of proposed work plans between fields (total of 100%)	Energy Efficiency in Buildings and Industry (SAVE) 35 %	Renewable Energy Sources (ALTENER) 55 %	Energy Aspects of Transport (STEER) 10 %	Promotion of RES in developing countries (COOPENER) 0 %
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Commission of the European Communities
Directorate-General for Energy and Transport

TREN/DIR D/SUB/05-2004

Part I.1 Proposal Administrative Overview

ENA-BEN-HUL

Proposal abstract (max. 1000 characters)

With this proposal the Province of Benevento (Co-ordinator) and Hull City Council (Partner) aim at creating two new Energy Agencies. The agencies will be separate legal entities not an extension of an existing bodies. The non-profit-making Agencies intend to build capacity in order to improve energy efficiency and promote energetic savings, minimising the energy demand. Main local subjects in the fields of building, industry, services and transports will be involved in the project and they will contribute to seek optimum energy-supply conditions for urban areas, to foster the use of renewable energy sources, to address the issue of energy efficiency in the transport sector, spread the culture of energetic saving and the rationalisation of the exploitation of sources among as many public and private interlocutors as possible, so as to contribute to the singling out of the sustainable development in the economic, social and environmental areas; to this aim it will be possible to organise meetings, conferences, training courses, printing of leaflets and exploit mass media. Both proposers will co-operate in order to promote exchanges experiences, transfer of know-how, training of agencies' staff, and dissemination of common results at international and eur

Key information on proposed agencies

Keywords	ASEA ,SUSTAINABLE; RES, REI, RUE, EE				
Duration of the agency's work programme (in months)	36	Total Eligible Costs in EUR	1.012.167	Requested EU contribution in EUR	375.000
Expected 3rd party contribution in %	26,61%	Own contribution in %	36,35%	Requested EU contribution in %	37,05%
Have you or your partners, previously or currently, submitted this proposal or one similar in content to any Community Programme? If yes, please specify below.					Yes
Programme	SAVE PROGRAMME (PROVINCE BENEVENTO)			Year	2000

Contact person for the proposal during evaluation and negotiation of the proposal

Title	DIRECTOR	Gender (F / M)	F
Family Name	ROMANO		
First Name	GIOVANNA		
Organisation Legal Name	PROVINCE OF BENEVENTO		
Street Name and Number	LARGO GIOSUE' CARDUCCI	City	BENEVENTO
Post Code	82100	Cedex	
Country Name	Italy	Country Code	IT
Telephone number	+390824774243 +390824774469	Fax number	+39 0824 16840
E-mail	energiaemobilita@provinciabenevento.it - ufficioeuropa@provinciabenevento.it		

Duly authorised by the consortium partners to send this proposal to the Commission, I certify that the description of this proposal is accurate and agreed to by the consortium partners and that the consortium collectively agrees to carry out a project as described herein.

Signature of person authorised to submit a proposal in the co-ordinating organisation	Date
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Commission of the European Communities
Directorate-General for Energy and Transport

TREN/DIR D/SUB/05-2004

Part 1.2 Proposal Summary

ENA-BEN-HUL

Objectives (max. 1000 characters)

1 Adopt and improve primary energy saving techniques (RUE). The aim of the agency will be to promote the culture and the adoption of energy saving techniques and of the rational use of sources towards the greater possible number of local public and private actors.

2 Support and enhance the use of renewable energy resources (RES). Promote the research of new energy sources and the knowledge, as well as the spreading and the development of all available technologies and will identify the possible tools in order to realize an optimisation of traditional sources.

3 Contribute at local level to the reduction of environmental impact (REI). The agency will promote the exploitation of fuels characterized by a low environmental impact.

4 Raise the level of energy efficiency and improve techniques and plants (Energy Efficiency)

As regards the socio-economic aspects, the agency will also have the objectives of:

- contribute to the creation of new job opportunities;
- training and development of competencies;
- informing all consumer on energy related issues.

Description of the work (max. 1000 characters)

The planned actions of the Agency concern assistance for designing, implementing and following up of project in the following fields:

- Rational use of energy (RUE)
- Reduction of environmental impact (REI)
- Renewable energy sources (RES)
- Energy Efficiency

Besides, the project aims to realize an integrated series of actions regarding information, training, promotion spreading in the energy field and to set up and consolidate a network of international and European relations and a knowledge and competence exchange that could stimulate and strengthen the existing conditions for a stable information, training, spreading and exchange structure in the territory

The work programme of the project is distinguished in the following logical phases:

Phase 1 Start up phase: includes public launch of the agency, strategy and planning and PR and promotion activities

Phase 2 Energy Programming

Phase 3 Sectorial Activities

Phase 4 Horizontal Activities

Expected results (max. 1000 characters)

The main expected results are:

in RUE and REI fields:

- Realization of energy auditing about properties of the Province
- Creation of a database of useful information about public buildings (energy consumption, existing electric power, thermal characteristics and so on)
- Towards an optimal exploitation of energy sources and evaluation of energy quality and efficiency
- Diffusion of renewable sources in farm holidays
- An integrated system for the monitoring and the management of energy in the manufacturing activities

in RES field:

- Experimentation of small wind plants for the tertiary sector
- Study on a district heating system based on waste products of biomass source
- Improvement of the utilization of photovoltaic plants

in the energy efficiency field:

- Improvement of electric power supply through the realization of several projects on the distribution system
- Reduction of expenses on electric energy

in the economy and employment field:

- Potential creation of new jobs in the energy field

Commission of the European Communities - Directorate-General for Energy and Transport

TREN/DIR D/SUB/05-2004

Part I.4/1. Cost summary in EUR											ENA-BEN-HUL		
Participant Role	Participant No.	Participant Short Name	Basis for calculation of indirect costs (FC / 7%FR)	Number of person-hours budgeted for the project	Direct eligible cost in EUR						Subtotal of direct eligible costs	Indirect eligible costs	Total eligible costs
					Staff Costs	Subcontracting	Travel and Subsistence Allowances for Staff	Purchase Costs for Equipment	Consumables and Supplies	Other Specific Costs			
CO	1	PROVINCE OF BENEVENTO	n.a.	126	330.000	106.000	12.000	10.000	12.000	30.000	500.000	n.a.	500.000
AB	2	Hull City Council	n.a.	120	212.301	51.898	2.163	87.455	35.975	122.375	512.167	n.a.	512.167
AB	3	0	n.a.								0	n.a.	0
AB	4	0	n.a.								0	n.a.	0
AB	5	0	n.a.								0	n.a.	0
AB	6	0	n.a.								0	n.a.	0
TOTAL				246	542.301	157.898	14.163	97.455	47.975	152.375	1.012.167	0	1.012.167

Enter only whole numbers. Grey marked fields are protected; some are calculated automatically.

Commission of the European Communities - Directorate-General for Energy and Transport

TREN/DIR D/SUB/05-2004

Part I.4/2 Summary of income in EUR

ENA-BEN-HUL

Participant Role	Participant No.	Participant Short Name	Total eligible costs	Requested Funding from EIE Programme	% of Requested Contribution from EIE Programme (maximum 50%)	Expected funding from 3rd Parties (public + private)	% Expected Funding from 3rd Parties (public + private)	Sources of 3rd parties' funding	% of Own Funding
CO	1	PROVINCE OF BENEVENTO	500.000	195.000	39,00%	55.000	11,00%	to 5.000, Coldiretti Benevento Euro 2.500,00; Unindustria Servizi spa	50,00%
AB	2	Hull City Council	612.167	180.000	35,14%	214.294	41,84%	Renewal Fund 36,040, Primary Care Trusts 36,027, Warm Front 5756	23,01%
AB	3	0	0		0,00%		0,00%		100,00%
AB	4	0	0		0,00%		0,00%		100,00%
AB	5	0	0		0,00%		0,00%		100,00%
AB	6	0	0		0,00%		0,00%		100,00%
TOTAL			1.012.167	375.000	37,06%	269.294	28,81%		38,35%

Enter only whole numbers. Grey marked fields are protected; some are calculated automatically.

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Commission of the European Communities Directorate-General for Energy and Transport
TREN/DIR D/SUB/05-2004

Part 1.3 Participant Profile / Information per participant				ENA-BEN-ITUL	
Legal information on the participating public authority coordinating this proposal					
Participant Role	CO		Participant N°	1	
Organisation Legal Name	PROVINCE OF BENEVENTO				
Short Name	PROVINCE OF BENEVENTO				
Legal Registration No	not applicable		VAT N°		
Legal Status	GOV	Governmental			
Legal documents attached	not applicable		Cost Basis for calculation of indirect costs (see form I.4)	7%FR	
Legal address of the public authority					
Street Name and Number	ROCCA DEI RETTORI - PIAZZA CASTELLO				
Post Code	82100		Cedex		
Town/City	BENEVENTO				
Country Name	Italy		Country Code	IT	
Organisation details					
Annual turnover in Mio €	not applicable		Year	not applicable	
Number of employees	not applicable		Number of experts	not applicable	
Is the organisation a Small and Medium Enterprise (SME)?	not applicable		Balance sheets of last financial year attached	not applicable	
Person in charge of the project					
Title and Function	DIRECTOR ENERGY AND MOBILITY DEPARTMENT		Gender (F / M)	F	
Family Name	ROMANO				
First Name	GIOVANNA				
Telephone No	+390824774243 +390824774469		Fax No	+39 0824 316840	
E-mail	energiaemobilita@provinciabenevento.it; ufficioeuropa@provinciabenevento.it		CV of person in charge attached	Yes	
Elected representative of the public authority for the purpose of contract signature					
Title and Function	PRESIDENT OF PROVINCE		Gender (F / M)	M	
Family Name	NARDONE				
First Name	CARMINE				
Telephone No	+ 39 0824 21390		Fax No	+39 0824 355160	
E-mail	presidenza@provinciabenevento.it				

Commission of the European Communities Directorate-General for Energy and Transport
TREN/DIR D/SUB/05-2004

Part B Participant Profile / Information per participant				ENA-BEN-HUL	
Legal information on the participating public authority					
Participant Role	AB		Participant N°	2	
Organisation Legal Name	Hull City Council				
Short Name	Hull City Council				
Legal Registration No	not applicable		VAT N°		
Legal Status	GOV	Governmental			
Legal documents attached	not applicable		Cost Basis for calculation of indirect costs (see form I.4)	7%FR	
Geographical information on the participating public authority					
Street Name and Number	Kingston House Bond Street				
Post Code	HU3 1LA		Cedex		
Town/City	Hull				
Country Name	United-Kingdom		Country Code	GB	
Organisation details					
Annual turnover in Mio €	not applicable		Year	not applicable	
Number of employees			Number of experts		
Is the organisation a Small and Medium Enterprise (SME)?	not applicable		Balance sheets of last financial year attached	not applicable	
Person in charge of the project					
Title and Function	Energy & Sustainability Manager/Hull Warm Zone Director		Gender (F / M)	M	
Family Name	Bell				
First Name	John				
Telephone No	01482 612435		Fax No	01482 612553	
E-mail	john.bell@hullcc.gov.uk		CV of person in charge attached	Yes	
Authorized representative of the public authority for the purpose of contract signature					
Title and Function	Cabinet Portfolio Environmental Policy and Transport Strategies and Operations		Gender (F / M)		
Family Name	Wareing				
First Name	Gary				
Telephone No	01482 615023		Fax No	01482 613152	
E-mail	gary.wareing@hullcc.gov.uk				



European Commission
Directorate General for Energy and Transport/
Intelligent Energy Executive Agency

Proposal identification number
(To be inserted by the
Commission services)

INTELLIGENT ENERGY – EUROPE CALL FOR PROPOSALS 2004

- TYPE 2 ACTIONS -
related to Horizontal Key Action 2
“Think globally, act locally”

**Establishment of
Local and Regional Energy Agencies**

- APPLICATION FORM –
for financial support from the EU

- PART II –
DETAILED DESCRIPTION OF THE PROPOSED ACTION

GENERAL GUIDELINES FOR FILLING THESE FORMS

Whenever an invitation to submit proposals is published, the Commission receives a large number of proposals which do not fully meet the requirements or are not properly presented and these proposals are rejected. Before submitting a proposal, please ensure that all of the following conditions and procedures are complied with:

1. Application forms are made of 2 parts. Part I must be completed by the coordinator based on information from each proposer. All information related to individual agencies should be provided by each partner to the co-ordinator. Part II of the application forms must be completed by each authority responsible for the setting up the new agencies. Your proposal must be **drafted using these forms**.
2. Please read carefully the “Work Programme for Energy Intelligent- Europe” and the Information Guidelines for Proposers before completing the forms! A copy of these documents can be found at the following Internet address:
http://europa.eu.int/comm/energy/intelligent/call_for_proposal_2003/call_library_en.htm.
3. The declaration of commitment to be made **jointly and severally** must be **signed by a democratically elected representative** of each of the proposing public authorities (see attachment 1).
4. Each proposal must consist of 1 set of original forms accompanied by **5 copies in one official language** of the Community. This must be sent as a single item of mail to the address indicated in the call for proposals 2003, point 12.
5. The cover page of the Part I forms must be the first page of the proposal.
6. It is essential **to reply to all of the questions**. It is not sufficient simply to refer to documents which may be enclosed. However, if necessary, additional pages with an appropriate reference may be added after numbered pages. Each additional page must bear the number of the page which it supplements, followed by letters of the alphabet, e.g. 6a, 6b, etc.
7. The information given must be sufficiently detailed to enable the proposal to be assessed in full knowledge of the facts.

PLEASE ENSURE THAT YOUR PROPOSAL WILL BE SUBMITTED in accordance with the terms set out in Point 12 and 14 of the Call for Proposals 2004.

(Attachment 1) Declaration of commitment

We, the undersigned, representatives of:

Proposer No 1: *(Co-ordinator)* Province of Benevento.....
Proposer No 2: *(obligatory)* Hull City Council.....
Proposer No 3 (if any):
Proposer N° 4 (if any):
Proposer N° 5 (if any):
Proposer N° 6 (if any):

authorised to submit on their behalf the proposal for the setting-up of energy management agencies¹
covering *(geographical areas covered)*

1) Province of Benevento (south of Italy – 78 municipalities)
2) Hull City Council (United Kingdom)
3)
4)
5)
6)

to the Commission for financial support hereby certify that:

- 1) There are no energy management agencies in the same geographical area and that there is no risk of duplication of effort with existing bodies.
- 2) Each agency will be set up as a new legal entity.
- 3) Each agency set up will be financially and administratively autonomous.
- 4) Each agency will recruit the competent permanent staff which it requires.
- 5) The project has financial difficulties such that it cannot be carried out without Community support.
- 6) If our application is selected, we undertake to set up an energy management agency on each of our territories and will sign the contract with the Commission jointly and severally.
- 7) As far as information is available, the information given in this proposal is correct.

For the co-ordinating proposer: *(Project co-ordinator)*

Name of authorised representative Carmine Nardone
Title and position: elected President - Province of Benevento
Date and place: 21/03/2005 Benevento.....

Signature and stamp:

¹ In case of selection, this person will be required to sign the contract with the Commission. Proposals signed by officials and administrators of the authorities submitting them will not be accepted.

For proposer No 2:

Name of authorised representative Councillor Gary Wareing.....

Title and position Cabinet Portfolio Environmental Policy & Transport Strategies and Operations.....

Date and place: 16/03/05 Kingston upon Hull.....

Signature and stamp: See attached document.....

For proposer No 3 (where appropriate):

Name of authorised representative⁽¹⁾ :

Title and position:

Date and place:

Signature and stamp:

For proposer No 4 (where appropriate):

Name of authorised representative:

Title and position:

Date and place:

Signature and stamp:

For proposer No 5 (where appropriate):

Name of authorised representative:

Title and position:

Date and place:

Signature and stamp:

For proposer No 6 (where appropriate):

Name of authorised representative:

Title and position:

Date and place:

Signature and stamp:

APPLICATION FORMS (PART II)

Details of the agencies

(complete a separate set of Part 2 forms for each agency to be set up)

NAME OF THE AGENCY

Agenzia Sannita per l'Energia e l'Ambiente - A.S.E.A

1. PREDOMINANT CHARACTER OF THE AREA COVERED BY THE AGENCY²

Regions :

- ☐ Regions
- ☒ Sub-Regions
- ☐ Group of sub-regions
- ☐ Islands

Urban Areas :

- ☐ Cities
- ☐ Districts of Cities
- ☐ Group of municipalities

Description of the area covered by the agency

- Indicate here the exact geographical demarcation, and **provide also a detailed map** (as additional page, e.g. 12a, 12b etc.)³ showing the area covered and its limits.

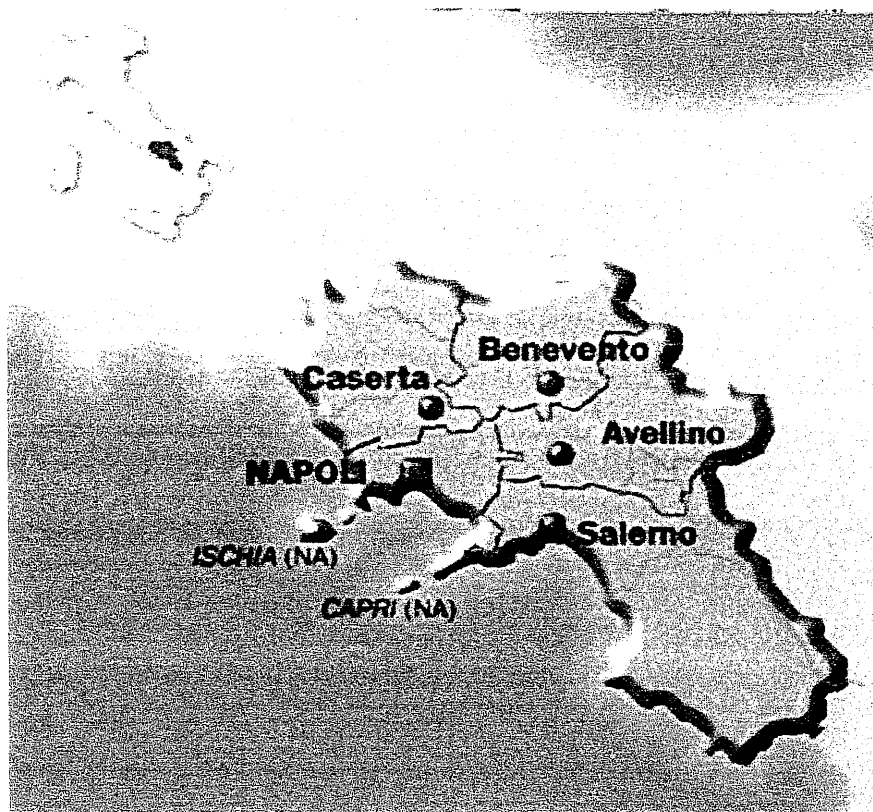
The Province of Benevento is at the center of Southern Appennin, between two large plains: Campania plain on the westside and "Tavoliere delle Puglie" on the eastside. The Province surface is 2.071 square kilometers and it is characterized by Taburno Mountain (1.440); the borders of the Province coincide, almost exactly, with the natural delimitation of Partenio, Matese, and Fortore mountain range, exceeding 1000 metres of height above sea level.

There are several rivers as "Volturno", "Sabato", "Calore", "Tammaro" and "Fortore" crossing the region. The average altitude is about 300m above sea-level. In the Province of Benevento there are three Natural Parks: "Taburno-Camposauro" and "Partenio". The natural position of the Province between "Adriatico" and "Tirreno" sea, and its particular morphology offer special conditions of regular and continuative wind (in terms of intensity and speed). These characteristics allow a high potential of electrical energy by renewable fonts.

² Choose only one character.

³ Please verify that all the copies are readable.

BENEVENTO PROVINCE ADMINISTRATIVE BOURDERS



- **Exact population** of the covered area of the future agency (*give recent figures*) The main town of the Province is "Benevento". The population of the city of Benevento is 61.486 inhabitants (ISTAT Census, 2001). The province has 78 municipalities with a population of 286.040 inhabitants (ISTAT Census, 2001).

The Agency covers substantially a territorial area that certainly represents the "less dense" demographic reality and the less urbanized area of the Campania region: indeed, the total population in the interested area, that is equal to 5.1% of the entire regional population, is prevalently concentrate in the hilly area (for 61.7%) and represents an average density equal to 138.1 inhabitant per square Km, compared to the regional figures which is 415.7 inhabitant per square Km.

The important breaking up of the residential and "settled" areas, that are influenced by the geographical characteristics, is shown by the fact that the greater part of the municipalities (69 on 78) has less than 5.000 inhabitants.

2. CONFORMITY WITH THE INVITATION TO SUBMIT PROPOSALS

2.1. Eligibility of the proposal: check that it meets all the following criteria (*Place a cross in the appropriate box*)

	<u>YES</u>	<u>NO</u>
- The proposer is a regional or local authority.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The application is signed by an elected representative.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- There is co-operation with at least one other agency in a region, or city in a different eligible State.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The project involves a work programme covering 3 years.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The programme is targeted on energy demand management.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The project includes a forward financial plan for a period of three years.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- An energy planning study for the covered area has already been carried out. ¹	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- If not, is one planned?	<input type="checkbox"/>	<input type="checkbox"/>
- A cost-benefit evaluation is planned.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The proposal involves setting up a new agency.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The agency will be a new legal entity	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- It has been ensured that there is no body with similar powers in the geographical area covered.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The agency will have its own permanent staff.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The agency will have its own accounts and management.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The agency will have its own decision-making body.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The regional or local public authorities will exercise control on the agency.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Non-Community funding will be ensured.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- There will be an effective involvement of locally elected representatives in the management of the agency.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- There will be an utilisation and dissemination of the results.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- The area covered by the agency has more than 100 000 inhabitants. (except for islands and Arctic territories)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

¹ If so, attach the study to the original proposal (a single copy).

3. DETAILED DESCRIPTION OF THE PROJECT

3.1. Original context of the project:

a) economy and sociology : main activities and social profile of the geographical area

The provincial economic situation reflects, above all, the relevant position of the “primary” sector. The 2001 activities record a percentage of the total employment equal to 23.9% that places the region at the first place into the national list.

Territorial area	Total employed per economic sector in percentuals		
	Agriculture	Industry	Other activities
Province of Benevento	23,9%	18,5%	57,6%
Campania Region	6,8%	24,4%	68,8%

Within the activities of the industrial transformation and services, the available data underlines that the “tertiary” represents the most developed sector of the region, with significant importance both in “commerce” (35%) and in “no commercial services” (including the hotel, transport and communication, financial services and advanced entrepreneurial and/or consulting services).

Local units and employed (Source ISTAT)	1991		2001		weight of each activity (local units)	rate of growth
	Local units	Number of employed	Local units	Number of employed		
Agriculture, sylviculture and hunting	65	272	111	199	0,6%	70,8%
Manufacturing	1.778	9.237	2.221	12.301	13,0%	24,9%
Mining industry	36	205	28	141	0,2%	-22,2%
Building industry	1.735	7.561	1.922	6.254	11,2%	10,8%
Commerce	6.295	11.378	6.063	10.183	35,5%	-3,7%
No Commercial Services	3.180	4.885	4.885	11.875	28,6%	53,6%
Education, health and social services, other public, social and personal services	1.500	1.858	1.858	3.883	10,9%	23,9%

Among the manufacturing activities, the agroindustrial sector with its about 620 enterprises, represents the most significant industry of the region, followed by engineering industry, wood products and mineral no metalliferous sector.

Therefore particularly important is also the textile and clothing sector composed by about 370 enterprises, 230 of which are handicrafts and mainly concentrate in two different industrial district : S. Marco dei Cavoti and S. Agata dei Goti.

After all, the building enterprises still represents a significant sector for the provincial economy of Benevento represented by an employment rate for the province of 14.36% respect to the analogous “regional” rate 10.81%.

Fundamentally, also into a “productive” context that continues to maintain, “proportions” that can be considered as “modest” and with a low impact on the global regional economy, the industrial transformation activities (mainly in the traditional and “basic” sectors) do not represent a significant part for the provincial employment.

In this way, the economy of the Benevento province seems more and more “characterized” by the presence of some specific activities, in particular in the manufacturing sector. These last ones are activities that improved their own position from 1991 to 2001 (in reference to the last census data) and that act today with a positive “distribution” on the provincial territory, with dimensions that now are “growing-up” and, sometimes, reach appreciable results.

These “structural” conditions of the provincial economy have consequences also on the provincial GDP, (in its dynamic as well as in its composition) that has recorded distinguished and characterizing “sectorial” trend during the last period.

Agricultural added value has been marked during the period 1995-2001 by an increase of 3% annual average that shows an opposite trend in comparison with the industrial one. The industry has recorded a decrease of 0.49% annual average for the same period; this decrease is due to the “building” sector affected during the same period by a decrease of 29.6% of its added value against the 22.3% total increase that has marked the industry.

If we consider the society and the overall socioeconomic profile of the community, the main characteristics of the area show us an environment which is definitively less congested and in equilibrium, with a high potential of local resources that remain largely unused respect to the internal demand.

First of all the provincial system cannot be defined as a “restricted” environment from a physical point of view as it represents more than the 15% of the whole Campania area. The “hard” conditions linked to the geographical aspects of the territory (prevalence (53%) of mountains areas and an absolute absence of level surface) has influenced the distribution of the economic activities and the human settlement.

Moreover if we consider the “gap” that still now distinguishes – and divides – the province from the more developed area of the South of Italy, it is “natural” to imagine that less “dynamic” and undoubtedly “discouraging” factors will prevail over the population attraction point of view, and the urban and economic growth.

Nevertheless, the unemployment rate (16.9%) is one of the lower in whole Campania but also the employment as working population, reach values that are absolutely considerable (40.7%).

This positive result does not depend only on the standard and on the trend of the provincial economic activities, but it is also a consequence of the high incidence of the “elderly population”; a common sense of “discouragement” that push many people to remain out of the market. The modest “dimension of the flow” allows to reach quite satisfactory goals through less investment and in an easier way.

In conclusion, through the combination of all these elements it comes out a representation of the region characterized by a system well “balanced” where we can find some market places relatively limited and an infrastructural and productive social tendency system that is certainly defined – but with segment of absolutely excellence.

This area achieves levels of satisfaction that are in all acceptable and sustainable by the social demand.

b) energy: specific energy situation in the area, energy balance, own resources, renewable sources potential, etc. *(provide a copy of the energy planning or programming report, if any)*

In the province of Benevento, the primary source for the production of energy is essentially the wood (moreover in few quantity), as there are not oil and methane mining activities.

The main part of the electrical stations based on renewable sources in particularly wind, with 23% a eero generator installed in the Fortore area (in the North-East of the province) and produce a total power of 140.8 MW.

While the hydroelectric production is still very limited (0.7 GWh compared with 1.847.9 GWh 2001 Campania region data) and it's referred to the unique system located in the Telese Terme municipality)

Only since the second half of 2002 two photovoltaic installation systems started to work in the province of Benevento; this short period doesn't allow to compare any results regarding the production of electrical energy coming from solar source respect to the Campania data. Campania region produces more than the 54% of the Italian photovoltaic energy only thanks to the Serre Persano station.

With regard to the production of secondary energy source (coming from oil), there is not any activity of energetic transformation in the whole region; as direct consequence there is no refineries. On the other hand, if we consider the self-production of energy, a lot of generating electricity systems dedicated to the electrical energy generation are located on the provincial area, but it does not exist any co-generation system.

As the production of energy does not satisfy the needs of the province, and because the activity of transformation is completely absent, consequently the activity of import/export of energy is necessary and it

is represented by the acquisitions of energetic primary sources (methane and wood) and secondary sources (liquid combustibles) and in the exchange of electrical energy with other regions.

From a demand point of view, the total final consumption of energy is more than 295.000 ton of oil equivalent without considers the electrical consumption for railway (F.S.).

The consumption of oil products results prevalent (52.3%) while fundamentally the consumption of solid combustibles (15.3%), gas (15.3%) and electrical energy (17.1%) are similar.

Among the liquid combustibles, the gas oil consumption prevails (46.4%) on the petrol (36.6%) and on G.P.L. (15.2%), while the consumption of combustibles and lubricating oils for non-energetic uses can be considered as marginal.

The sector of transport can be considered the main consumer of energy; in fact, it contributes for almost 44.4% of the total final consumption; while the civil sector for a percentage of 37%, the industry for almost 16% and finally the agricultural sector for the remaining 2.7%. Regarding to the civil sector, the domestic consumption represents the main one with 31.3% of the total region consumptions, while the tertiary represents almost the 5.7% of the total.

The province of Benevento has also a significant consumption of solid combustibles (in particular wood) as it is often used by the domestic sector. As it is well known, the area is characterized by a geographical context of hills and mountains, like the typical rural dimension. In this context, the relevance of arboreous and forests, and the low density of population doesn't encourage the penetration of methane.

The region is also characterized by a large number of mono-bifamily houses (almost the 47% of the total) mostly equipped with individual heating system (stove, chimney).

Finally, the tertiary sector is characterized by an high consumption of electric energy (81.3%), while methane is the most used combustible in the industry (59%) and gas oil is predominant for the agricultural use (81%).

- c) **environment** :characteristics and problems relating to energy. Please highlight any commitment of the corresponding governments for Agenda 21, CTO, Sustainable cities, Biosphere reserves or similar international conventions.

There is an energy specificity in terms of particular geographical features, which constitutes a potentiality, as far as renewable sources and environment are concerned, for the exploitation of wind and more restrictively the hydroelectric energy.

Another specificity is the presence of a Faculty of Energy Engineering and of Environmental Economics with experience in partnership with public bodies and enterprises. In particular, the elements influencing the "environment" of the provincial area due to the demand and supply of energetic sources are listed here after. The emissions of carbon dioxide in the Benevento province are due to the energy processes and they amount to almost 801.000 ton during the 2001.

This value, related to the population, is significantly less than the national average: the province presents CO2 emissions per capita for almost 2.5-ton per-habitant respect to the national data of 7.3-ton per-habitant.

The percentage by sector shows that the transport field is the main responsible for carbon dioxide emissions (48% respect the global value), while the domestic field contributes for a percentage of 37.5%.

The composition by source typology shows the predominance of the oil products, that in 2001 has contributed to the CO2 emissions for a percentage of 55.3%, while the percentage for natural gas is (22.6%) similar to solid combustibles 22.1%.

With regard to this aspect, it is important to point out to the relevant contribution of the wood consumption to the carbon dioxide emissions deriving from the domestic sector.

Among the liquid combustibles, gas oil and petrol have a greater importance, they weigh upon the total emissions of this category, for almost 50.5% and 35.4% respectively. Conversely G.P.L. has a secondary impact (13.6%) and also combustible oils have a marginal effect(0.5%).

We can draw attention on the transport sector impact that also in this context results to be more significant than the others, for the use of petrol, gas oil and G.P.L.

For the year 2001, almost 516 ton of sulphurous anhydride, corresponding to a quantity of almost 1.85 ton for every one thousand of inhabitants, has been estimated against the national average of 12.7 ton every one thousand of inhabitants.

The quantity of sulphur dioxide, which is emitted for each unit surface of the province of Benevento, is significantly lower than the national average: 2.6 Kg/ha against 24.4 Kg/ha.

The transport sector weighs significantly upon the **COVNM** emissions in the province for a percentage of 73.5%; but also the domestic one has an important impact due to the relevant use of the wood.

In the same year, 34.757 ton of carbon monoxide have been emitted in the province of Benevento with a higher concentration (quantity per-person) respect to the national average: 120 ton every 1.000 inhabitants against almost 84 of the whole country.

Transport remain the sector that, more than any other, contributes to the CO emissions (58.8% in the 2001), but we cannot omit to underline the significant impact of the domestic sector (40.8% in the 2001), while emissions related to industry, agriculture and the tertiary sector are insignificant.

Carbon monoxide quantity, per every burned wood unit, is extremely high; we know that domestic sector in this area has an important consumption of wood that produces a significant impact on carbon monoxide emissions.

In nowadays conditions the low level of consumption, if on one hand it appears worrying in terms of economic development, on the other hand it shows a not completely compromised energetic-environmental situation, with the possibility to pursue, through a careful energetic planning, a growth pattern which employs renewable sources and does not increase so considerably the levels of pollution.

- d) **development policies for the area:** potential impact, on the energy demand and production, on Sustainable Development, of the main programmes and regional or local schemes or plans in progress or proposed.

The evaluation of the actual conditions and, especially, of short and medium terms prospects of the energy and environmental situation in the territory in the province of Benevento, can't leave out of consideration the effects resulting from the full carrying out of the running policy in this area, oriented, in short, to the consolidation of the production specialization of industrial and tertiary system, to the overcoming the most important structural deficits and, so, to the emersion and exploitation of the best – and deepest rooted – development strenght.

On the other hand, the “programmatic” reference picture – as attested by resources and commitments of various available Plans, both “over and “under” ordered - points out attention and a rare and significant meeting of policy and actions aiming – coherently – at the territorial system active transformation and at the most typical and basic resources promotion.

In this regard, an in-depht reading of the development strategy and of the territorial investment lines planned for the Province of Benevento, allows to identify, clearly, at least five main lines of action:

Territorial Pacts,

Local promotion Contracts which include “Contratti d'area e di programma”,

Integrated projects coming from the Operating Programming of Campania Region (POR Campania 2000 – 2006) and aimed to local development

Infrastructural equipment investments for transport and mobility

Triennial programme of public works

representing, actually and realistically, the working “measures” on the territory, as well as the “measures” that, fundamentally, have re-organized and given real play to investments aiming at the transformation of the Province and at the economic and territorial redressing.

<i>Lines of actions</i>	<i>financing</i>	<i>%</i>
Integrated Projects	289.972.674	25
Local promotion Contracts	293.091.682	26
Territorial Pacts	147.706.673	13
Infrastructural equipment investments for transport and mobility	234.910.330	21
Triennial programme of public works	177.750.711	16
Total of local development programming	1.143.432.070	100

Moreover, both the time horizon of the estimated expenditure and carrying out - going until the end of the decade- and the variety of the “mobilized” programmatic and financial tools, outline a development strategy able to harmonize the greater part of the identified “structural” enterprises and to represent an example, both ambitious and positive, of “planning” for plans able to systematize opportunities, different and significant subjectivities and skills.

In particular, the “self-propulsive” growth path, indicated by the available territorial and socioeconomic planning, aims at first to strengthen the agricultural trend in market’s direction, exploiting the economic resource still representing one of the most important in the whole Province and developing sustainable and fruitful forms linking up with manufacturing industries.

More in general, the aim is promoting – through a better specialization and a higher content of organizational, technological and managerial innovation - the industrial basis expansion process qualifying the small and medium business tissue and centring efforts on some strategic sectors (textile-shoe, engineering and tourist sector) able to change and raise tone and profile of economic activities in this area.

Finally, an action directed to modernization and development of tertiary activities contributes to these purposes, especially supporting the growth of a not temporary offer of production-oriented services, aimed at innovation, opening and internationalization of local economy and local system.

Regarding the development policy impact on energy demand and production, a possible scenario of energy requirements in 2010 is worked out by the Province of Benevento energy environmental plan.

In this scenario, the productive development is matching an incisive policy of “environmental” protection and safeguard as well as prevalently public initiatives in favour of reclamation and improvement of cultural and historical goods and especially in favour of the infrastructural endowment adaptation in the country.

In these fields, in fact, the programming of actions, aimed to realize an increase of energy sources and a better distribution of the same, is a necessary factor in order to reach a balanced and harmonious development of the system.

On the same time, the strengthening of territorial network and equipment (for society and economy) is an important step in favour of socio-economic growth, through the removal of the main existing obstacles about the conservation and improvement of the public goods and the other real properties.

These outcomes can change the weights within the productive system towards innovative fields promoted by the common local development plans (planning instruments): relevant activities in industrial and advanced tertiary sector in the local area which are, on the same time, the more opened to advanced technologies.

Regarding the demand of energy, in this scenario, it is estimated an increase of the global energy consumptions which would change its value: from 327.350 ton equivalent petroleum of 2001 to 400.918 tep in 2010, according to an average annual rate of 2,28% and to an energy intensity around 96.25 tep/M euro.

In this context, moreover, consumption increases are predictable, even if differently, for every kind of energy source. In particular, the greatest proportional increase is expected for electrical energy, even if liquid fuel consumption is still absolutely prevailing. Liquid fuel consumption, in fact, should increase at an annual middle rate of 1,89% up to 2010 and of 1,73% up to 2015, meaning the 45% and the 44,9% respectively of total consumption.

Then, the development of the provincial system and of its production machinery, should imply a substantial increase of energy consumption in agriculture, with a growth estimated prudentially in an annual middle rate of 5% at 2010 and of 4% at 2015. Industrial sector consumption, also, expects a growth (a.m.r. of 3,19% in a scenario up to 2010 and a.m.r. of 2,66% in a scenario up to 2015), and a consequent increase of its weight on the Province total consumption (17,7% and 17,8% respectively against 16,3% in 2001). Finally, the residential sector, according to this “virtuous” view, should keep on holding the second position in the absolute consumption of the Province, subordinately only to the transport system, while the growth and the greater qualification of tertiary activities should match important increases in every source typology and a total increase quantifiable in a.m.r. of 3,84% up to 2010 and of 3,55% up to 2015.

e) **existing structures for energy** (add extra pages if necessary)

- ✓ Do any of the following already exist to deal (even partly) with energy services in the field of efficiency and renewable energy sources and **covering all or part of the future agency's geographical area** :

A. Existing Energy Management Agencies :	YES	NO
▪ At national level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
▪ At regional level or sub-regional level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
▪ At local level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. Other existing energy structures	YES	NO
▪ Regional, provincial, municipal or other decentralised government department	<input checked="" type="checkbox"/>	<input type="checkbox"/>
▪ Semi-public bodies or associations to provide information and advice on energy matter for end users (consumers, businesses, communities,...)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
▪ Services provided by local or regional energy distributors	<input type="checkbox"/>	<input checked="" type="checkbox"/>
▪ Services provided by local or regional energy producers	<input type="checkbox"/>	<input checked="" type="checkbox"/>
▪ Services provided by other structures (<i>give details</i>)		

- If so, give the name, address, telephone and fax numbers and E-mail of each of these bodies; also give details of **how they differ from the agency to be set up**. Please refer explicitly to the political mandate for each agency.

Department in Regional administration (Campania Region, Via S. Lucia, Naples, Italy) and Benevento Province administration (Piazza Castello, Benevento). They only give authorisation to plant installation and control the application of laws in the field of Energy and Safety.

Enea "Ente per le Nuove Tecnologie Energia e Ambiente", Via Lungotevere Thaon di Revel, 76 – 00196 Roma (Italia)
tel. +39 06 36271 – fax. +39 06 36272591/2777;

- Name, address, telephone and fax numbers and e-mail of the nearest local or regional energy agency.¹

1. **Anea** "Agenzia Napoletana Energia e Ambiente", Via Toledo, 317 - 80132 Napoli (Italia)
tel. +39 081 409 459 - fax +39 081 409 957; e-mail: aneainfo@tin.it.

2. **Ageas** "Agenzia Energetica e Ambientale di Salerno", via Roma Palazzo S. Agostino – 84100 Salerno (Italia);
tel. +39 089 234023 – fax. +39 089 614260; e-mail: ageas@libero.it

¹ If cooperation or partnerships are envisaged, supply evidence in the form of correspondence from these bodies (additional pages) and describe it in 3.3.f.

3.2. Proposed organisation of the agency

(a) Legal set-up and status of the agency

Please give details on the legal form of the new agency and its statutes:

STATUTE

PART. 1 – SEAT- OBJECTIVES – TERM

Art. 1

The Agency is set up as a consortium with external activity, called: “Agenzia Sannita per l’Energia e per l’Ambiente”: “ASEA” – Samniticum Agency for the Energy and Environment.

Art. 2

The consortium has its seat in Benevento, at the “Rocca dei Rettori”, seat of the Provincial Administrative Council.

Art. 3

The non-profit-making Agency wants to improve the energetic efficiency and promote energetic savings in order to minimise the energy demand, involving the main local subjects in the fields of building, industry, services and transports - mainly public; to exploit the renewable energy sources and the non-renewable ones, which use fossil fuels at a lower environmental impact, together with the local energy resources; find out the best conditions of energetic supplying of Samnium, so contributing to the development of the internal areas in keeping with the objectives of the European Union.

The activities carried out by the Agency aiming at:

- devising plans for the energetic and environmental development and energetic plans integrated at local level and the related feasibility studies from the technical, economic, judicial and financial profiles;
- collaborate with entrepreneurs, bodies and, more generally, public and private subjects, in the assessment and planning of the most appropriate interventions for the rationalisation and saving of energetic sources and for the reduction of their environmental impact;
- promote and improve both the energetic efficiency in all the activity sectors – building, industry, services and transports, mainly public – and the exploitation of local energetic sources;
- spread the culture of energetic saving and the rationalisation of the exploitation of sources among as many public and private interlocutors as possible, so as to contribute to the singling out of the sustainable development in the economic, social and environmental areas; to this aim it will be possible to organise meetings, conferences, training courses, printing of leaflets and exploit mass media;
- promote and favour the research of new energetic sources and the development, the know-how and the spreading of the connected technologies;
- single out the possibility of utilising new energetic sources and optimise the traditional ones, also through the participation to national, European and international initiatives;
- organise and rationalise interventions, also financial, promoted in this sector by national, European and international organisations, also through the co-operation with other public and private bodies;
- favour the creation, organisation and development of data banks, data processing centres, study centres or market researches in the mentioned sectors;
- promote the development of economic initiatives aiming at favouring an efficient use of energy;
- to furnish services of information and consultation on the opportunities of energetic saving, on the forms of financing of the relative fittingses, on the normative technique and on the legislation in subject of energy and environment;
- to promote forms of activity that allow a suitable maintenance of the thermal fittingses as well as the certification and diagnostic of the buildings to the goals of the energetic saving;
- promote initiatives aiming at sensitisation on the problems of waste recycling.

Art. 4

The duration of the Agency is fixed until 2020.

PART II – AGENCY FUND – ADMISSION OF NEW MEMBERS – WITHDRAWAL AND EXCLUSION OF MEMBERS

Art. 5

The agency fund is made up of:

- 1) contributions paid by each member when he joins the agency;
- 2) possible annual contributions determined by the administrative organ when preparing the financial budget, after the approval by the organs of administration of the single members;
- 3) contributions paid by local, national, European and international bodies;
- 4) funding and contributions by the members, by various bodies and/or subjects co-operating with the agency within the scope of the agency itself;
- 5) proceeds coming from activities carried out following orders, contracts or agreements with public bodies and with other public or private bodies and foundations;
- 6) possible donations, legacies and bequests duly subscribed.

According to article 2641 of the civil law, for the duration of the Agency, members cannot require the division of the agency fund.

Art. 6

The Assembly deliberates, with the favourable vote of the two thirds of its members, the admission of new delegates, seconded by the organ.

Bodies and entrepreneurs that intends to take part in the consortium must propose an application to the administrative organs.

The application must contains:

- Family name, first name, date of birth and address, if application is proposed by single entrepreneurs; name and seat if it is presented by public authorities or companies;
- The subscription of the entrepreneur or of the legal representative of the body;
- Declaration of the acceptance of the Statute;
- Singling out of the elements proving qualifications of the applicant, like evaluation of solvency conditions and connection of activities' applicant with those of consortium.

The applicant must present certifications requested from law in force or future proving non-existence, or connection with "mafia".

The acceptance of admission will be active and it will be written in the "Associated Book", after that new members will have to pay a contribution and he will have to accomplish his tasks, according the deliberation of the assembly.

If after a month of the admission, new members don't pay the contribution and they don't accomplish other obligations, the applicants lose their admission.

Art. 7

The member loses his status because of withdrawing or exclusion.

Art. 8

The member who wants withdrawing must write a communication addressed to the consortium.

Withdrawal is effective after 90 days from the reception of this communication, notwithstanding this, the ex-member must accomplish the obligations undertaken toward the consortium, before of the reception of the withdrawal, included obligations of the statute.

Art. 9

The Assembly can deliberate the exclusion of a member for the following reasons:

- failure or beginning of petition of bankruptcy;
- beginning of winding-up procedure or extinction for any reason;
- great and repeated non-fulfillment of statute's rules.

The Assembly can deliberate the exclusion of private bodies, member of the consortium, if they change their sector activities, also as a consequence of merging, incorporation and transformation of its company.

President of the consortium must communicate to the excluded member the deliberation of exclusion, within 15 days from the adoption of the resolution.

The exclusion becomes active when the excluded member receives the letter of exclusion.

The excluded member must fulfil the obligations accomplished toward the Agency, before of the reception of the withdrawal communication, excepting compensation for damages caused to the Agency by the ex-member (see art. 9, let. C).

Art. 10

In the case of withdrawal or exclusion, the initial subscription and contributions paid by the ex associated will be added to those of other members.

PART III - AGENCY ORGANS

Art.11

The following are organs of the Agency:

- Assembly of the members;
- Management Board;
- President of the Agency;
- Director;
- Board of Auditors;
- Technical, Scientific Committee.

Art. 12

The Assembly is made up of all the members.

The Director takes part in the meeting with advisory functions.

Art. 13

Assemblies are always held at the agency premises, except when administrative organ establish different seat, on condition that they are held in the area of Nation.

The assembly must be summoned at least once a year within two months from the closing of the financial year, for the approval of the financial standing.

Besides, the Assembly is summoned every time the administrative organ considers it rights, or at least one fifth of the members requires it, specifying the agenda.

Art. 14

The administrative organ summons the Assembly, by registered letter sended to every member specified in the Associated Book, at least 8 days before of the meeting.

The notice will must contain informations about date, hour and seat of the meeting, the agenda and informations about a possible second meeting.

Art. 15

Each member can be represented in the Assembly also by non- members of the consortium, trough a written delegation.

The President verifies the authenticity of the delegations and generally the right of intervention.

The validity of the assembly persists even if some participants flee from the meeting.

Art. 16

The President of the Agency chairs the assembly or, when absent, the member designated by the assembly itself.

The Director acts as a secretary, or, when absent, the member designated by the assembly, who can also be from outside the assembly itself.

The deliberations of the assembly are written in the record of the minutes of the meeting signed by the President and the Secretary.

Art. 17

The assembly is validly set up with the participation of the majority of members and deliberates with the absolute majority of those present, except for what is differently established in this statute for specific cases. Each member has the right to one vote. Resolutions are taken according to the voting procedures that are from time to time chosen by the assembly. The secret ballot is not allowed.

Art. 18

The Assembly:

- approves the program of activities and the financial budget prearranged by the managing organ;
- approves the report of the managing organ on the activity carried out by the Agency and the financial standing at the end of the year;
- fixes the amount of money each member has to pay and the initial amount each new member has to pay;
- deliberates, with the favourable vote of the two thirds of its members, the admission of new delegates, seconded by the organ;
- appoints the members of the Management Board within the limits as in article 19, and, among them, the President who will always be the President of the provincial, administrative Council, and the Vice-President;
- appoints the members of the Board of Auditors, within the limits permitted;
- deliberates on the amendments of the statute, with the favourable votes of the two thirds of the members and as proposed by the administrative organ;
- deliberates on the dissolution of the Agency, on the procedures of winding-up and on the appointment of the liquidator;
- deliberates on all other matters which, according to the law and the statute, either fall under its competence or are submitted to its examination by the administrative organ.

Art. 19

The consortium is managed by a Management Board made up of 5 members at least and the 1/3 of the members of the Assembly at the most, besides President and Vice-President.

Management Board continues in office for three years, its members can be re-elected, with no time limits. The Assembly can remove members of Management Board only for justified reasons. The Director takes part in the Management Board with an advisory function.

Art. 20

The Management Board sees to:

- the appointment, among its members, of the President, according to the criterion stated in the previous article n.18, and the Vice-President, if the Assembly has not complied with it;
- the execution of the resolutions of the assembly;

- the ordinary and extraordinary administration of the agency, adopting all the appropriate resolutions and seeing to all the matters which the assembly cannot deal with;
- prearrange the agenda of the assembly;
- prearrange the acts and the resolutions to be submitted to the approval of the Assembly;
- the opening of administrative and representative offices of the agency;
- submit requests of admittance of new members to the assembly;
- the appointment and the annulment of the Director and to the determination of his/her payment;
- prearrange the financial standing at the end of the year and the financial budget to be approved by the assembly;
- prearrange the program of activities, after consulting the technical-scientific Committee;
- carry out all the further duties deriving from the law and the statute.

Art. 21

Management Board are held at the agency premises, except when administrative organ establishes different seat, on condition that they are held in Italy. The meetings are held every time that the President considers it necessary or two members of the council ask for it.

Generally, the meeting is summoned 5 days before, only for emergency reasons it can be summoned one day before.

The deliberations of the Management Board are valids in presence of the majority of its members.

The Management Board deliberates by absolute majority of the participants.

Art. 21 bis

President and Vice-President, each of them, represent the consortium in front of third party and on trial.

Art. 22

The **President** of the Management Board is also the President of the Agency.

S/he sees to:

1. Chair the Assembly of the members;
2. to summon and chair the Management Board, choosing the agenda;
3. execute all the remaining duties ascribed to him/her by laws, the statute or by the Management Board.

Art. 23

When the President is absent or in case of default, the Vice-President carries out his/her functions.

Art. 24

The Director is nominated by the Board of Governors, which chooses him/her among people having specific experience in the sectors pertaining to the activity of the agency.

S/he can be removed only by the resolution of the same Board.

The **Director** sees to:

- a- execute the resolutions of the agency organs, taking part, with consultative vote, in the sessions of the assembly and of the Management Board and draw up the reports of the related sessions.
- b- manage and co-ordinate the activity of the agency, accounting to the Management Board for the action taken and of the progress made of the present programs and projects.
- c- write up a draft of the financial standing at the end of the year and the financial budget to be examined by the Management Board.

- d- summon the technical-scientific Committee, drawing up the reports of the related sessions.
- e- carry out all the further duties deriving from the delegations given him by the Management Board.

Art. 25

The **Board of Auditors** is composed of three statutory and two substitute members, appointed by the assembly and continues in office for three years.

To the Board of Auditors apply the provisions of the civil law from n.2398 to 2407 included.

Art. 26

The technical, scientific committee is composed of 5 to 9 members, nominated by the Management Board among people having specific experience in the sectors pertaining to the activity of the agency, upon recommendation by the Ente per le Nuove Tecnologie, l'Energia e l'Ambiente (ENEA), the Consiglio Nazionale delle Ricerche (CNR), the Università degli Studi del Sannio, the environmental associations and other bodies acting in the sector.

The director takes part in the sessions of the committee with an advisory function. The **Technical Scientific Committee** elects a President among its members.

The members of the Committee continue in office for one period; in the case of resignation of one or more members, during the year, the Management Board can make the related substitution.

The Technical, Scientific Committee is an advisory organ of the Management Board and can make proposals to the Council itself in all the matters the Agency deals with; in particular it gives the annual mandatory advice on the program of activities prepared by the Management Board.

Part IV - AGENCY REGISTERS - SOCIAL AND FINANCIAL YEAR- FINANCIAL STANDING

Art. 27

In addition to agency registers provided for by the law and revenue rules, the consortium must keep:

- Associated Book;
- Book of the Meeting's minutes
- Book of the Management Board's minutes
- Book of the technical, scientific Committee's minutes
- Book of the Board of Auditors' meeting

Art. 28

The social financial period ends on 31st of December of each year. At the end of each financial period the administrative body arranges, according to the official regulations, the financial standing.

PART V - DISSOLUTION AND LIQUIDATION- POSPONEMENT

Art. 29

The Agency dissolves:

- For the ending of its duration;
- For the decision of its assembly, adopted by the majority of two thirds of its members;
- For any other cause provided by law.

Art. 30

In the case of dissolution of the Agency, the Assembly will establish the form of liquidation and it will designate one or more liquidators, deciding its tasks and rewards.

Besides, the Assembly could deliberate, according the majority established in the art. 29, to employ residual property to bodies or legal subjects acting in the same sector of the Agency.

Art. 31

Any dispute that could arise about validity, interpretation or execution of the statute, will be refer to judgement of three arbitrators, two designated by party to a suit and the third by both parts, or, if they disagree, by the President of Court of Benevento. The arbitrators will decide according equity, establishing the judgement how they thing right, respecting principle of contradictory.

Art.32

The Assembly could approve the regulations, about rules of organisation of the Agency.
For everything not provided in this statute, it applies civil law and other rules of this matter.

(b) Decision-making body of the agency (Management Board)

YES

NO

- Will be specific to the agency

☒

☐

Indicate the number of members and composition of this body :

MEMBERS (for each category, please specify the bodies)	NUMBER	%
• Local or regional <u>elected</u> representatives:	2	18
• Representatives of <u>consumers</u> :	2	18
• Representatives of enterprises or professional associations :	5	45
• Representatives of national, regional or local energy management agencies :		
• Other members(producers/distributors, university, research, centres etc.):	2	18
TOTAL	11	100

(c) Executive and managerial powers (role of the Chairman, Director, etc...)

Will the Management Board delegate powers to its Chairman or Director?

YES

If so, describe the roles and powers of:

- The Chairman :

S/he is the legal representative against third parties and in court. S/he chairs the assembly of associates; s/he tables items and carries out all the functions attributed to him by the law and the statute.

The President of the Agency is also President of the Management Board. S/he chairs the Assembly of the members; summons and chairs the Management Board, choosing the agenda.

S/he executes all the remaining duties ascribed to him/her by laws, the statute or by the Management Board. As an elected official s/he will be responsible for setting the activities of the Agency in the appropriate political context, particularly by securing participation from Regional, National and European political figures. S/he will also be invited to comment on the identification of major targets for the Agency. S/he will obtain from regional authorities political agreement on the actions to be carried out.

- The Director of the agency : *(please note that he/she must be a full time employee of the agency)*

The Director is nominated by the Management Board, s/he will be an expert on energy management and will be full time and externally recruited, and will have, autonomous responsibility for the operation of the Agency both techniques and politics, already suitable in the introduced planning. S/he will operate in complete autonomy, separated by the President, to which he/she can report only on the state of the activities developed by the agency.

His/her role will include:

- Identifying the main activity areas for the Agency.
- Managing the public relations activities (including presentations at conferences, submission of newspaper articles, radio interviews, reception of pupils and students).
- Transnational aspects (especially co-ordination of activities with others new partners), participation in transnational meetings.
- Make the day to day decisions and will be responsible of the operational and financial management of the Agency. He/she will be account for the activities of the agency only to Chairman and the management Board.
- Take part to the Management Board with advisory function.
- Summon the Scientific Committee, taking part to the meetings with advisory functions.
- Technical support and advice to the Agency's day-to-day work.

Will there be any other bodies (such as scientific or monitoring committees, etc...)? **YES**

If so, give details of their composition and roles:

The Scientific Committee will carry out the valuation and the monitoring of the Agency.

It is composed of 5 to 9 members, nominated by the Management Board among people having specific experience in the sectors pertaining to the activity of the agency, upon recommendation by the Ente per le Nuove Tecnologie, l'Energia e l'Ambiente (ENEA), the Università degli Studi del Sannio, the environmental associations and other bodies acting in the sector. It will be composed by the members came from Scientific Community and national Agency of Energy. ENEA – the national energy agency (in charge of specific studies) and associations of SME's.

The Technical, Scientific Committee is an advisory organ of the Management Board and can make proposals to the Council itself in all the matters the Agency deals with; in particular it gives the annual mandatory advice on the program of activities prepared by the Management Board.

(d) How will the autonomy of the agency vis-à-vis the existing structures (in particular, the proposer and the partners) be safeguarded?

The Agency will be set up as a new legal entity, it will be a consortium with external activity and with its own statute .

The Director has been assured autonomous powers within the Agency structure. S/he will be externally recruited and s/he will be full time. The Director will have full autonomy in the technical choices of the agency, to promote the purposes and the planning it approach suitable, it will arrange only with the President on the actions of self-financing among the various legislative opportunities. The powers of the Chairman, outside the explicitly political domain, are strictly advisory. Furthermore, in order to assure financial and managerial autonomy, the Agency will implement separate and transparent accounting, under the supervision of Director and Board of Auditors.

(e) Describe the involvement of local elected representatives, in particular within the policy and decision-making bodies (Management Board)

- Has this proposal be presented to the local or regional Council? **YES**
- Is there a positive decision? **YES**

Comments:

The proposal has been presented from Mobility and Energy Department of Benevento Province. Elected President of local authority is also Chairman of the Agency, but s/he will take part to the meeting of Management Boards only with advisory functions. His/her role will be especially a supervisor and s/he will safeguarded the autonomy of the Agency. He will assure co-financing for the project and through dedicated laws make funds available for the proposal actions, which will assure the Agency duration beyond the three years' period.

- Will the Chairman of the agency be an elected representative ? **YES**
- In case not please justify why and how the public mandate of the agency will be ensured:

(f) Evaluation of agency's activities

Who will carry out the evaluation ?

The Agency's activities will be evaluated on a regular basis by members of Scientific Committee and by ENEA experts, over that from the advisors of the Network European Energies - Città.

The Board of Auditors will appraise the correct financial management of the Agency instead.

Methodology:

The energy study and the assessment of all realized actions and projects will use the indicators connected to economic activities (agriculture, industry and tertiary sector) and to civil characteristics (residential field and transport) because the energy has a transversal nature; it will be possible to check the kinds of energy utilization and to appraisal the global efficiency reached in the final consumption fields.

So we have two kind of indicators:

-Energy intensity which represent the ratio between energy consumption and an economic variable (Added value, Gross domestic product, investments, etc) based on constant prices.

-Technical - economic indicators, named per capita consumptions, which represent the ratio between energy consumption and physical variables

Regard the Province of Benevento, it is possible to calculate the following indicators:

- Macroeconomic indicators
- Indicators of energy efficiency in the residential sector
- Indicators of energy efficiency in tertiary sector (also PA)
- Energy efficiency indicators in the transport field
- Energy efficiency indicators in the industrial field
- Energy efficiency indicators in the agriculture

Use and valorisation of the evaluation:

The evaluation process of the agency activities is extremely important in order to identify the problems and define solving concrete measure. The operative plan of the agency in the years after the end of the project, will be defined in relation to the evaluation process results.

(g) Agency staff¹ and premises

- Agency's own staff (excluding trainees):

How many will be :	Number	%
Full time of new jobs	3	75
Part time of new jobs	1	25
Seconded full time		
Seconded part time		
Total equivalent full time ²	4	100

- If secondments³ are foreseen, from which existing bodies are they from?

- Number and profile of the agency's staff : how many will it be⁴ ? :

- Director : 1 Full time – New Post
- Energy Specialists : 1 Full Time – New Post
- Administrator: 1 Full Time – New Post
- Secretaries/book-keepers/clerk : 1 Part Time – New Post
- Trainees : 8 (not paid)
- Others (specify) :

Comments :

The Director :

The director will be an expert on energy and environmental management. The best solution will be a person that has a degree in engineering and good knowledge of economical, environmental and energetic issues with minimum five years of experience in field of energetic and renewable resources in all aspect (biomass, eolic and solar). He/she must have least five years of experience in administrative, managerial and environmental and expert field of the energetic and environmental laws. The knowledge of problematic energetic-environmental, with experience in European laws and European project. The Director will be full time and externally recruited, resident in province of Benevento.

The Energy specialist:

Will be a person that has a scientific degree or scientific diploma and good knowledge of energy and environmental issues. He/she will be full time and externally recruited.

The Administrator :

Will be a person with knowledge of the local development situation and of institutional and legislative issues. During its secondment, this person will be under the only responsibility of the Director of the Agency. He/she will be full time and externally recruited.

The Secretary :

The Secretary should have knowledge of accountancy, foreign languages and basic computer tools. His/her role is to support the agency activities. He/She will be part time and externally recruited.

The Trainees (voluntary):

The Trainees will be recruited when needed from many final year students of University of Sannio.

¹ Indicate here only the personnel employed by the agency and under the responsibility of the director of the agency.

² Verify that it is coherent with the number of person-months of table B3.

³ Indicate here only the secondments (full or part time) which are permanent and under the only responsibility of the director of the agency. The temporary loans of staffs and the consultants cannot be considered as members of the permanent staff.

⁴ Indicate not only the number, but also the skills required especially for the one who will have the role of director.

The Administrator :

Will be a person with knowledge of the local development situation and of institutional and legislative issues. During its secondment, this person will be under the only responsibility of the Director of the Agency. He/she will be full time and externally recruited.

The Secretary :

The Secretary should have knowledge of accountancy, foreign languages and basic computer tools. His/her role is to support the agency activities. He/She will be part time and externally recruited.

The Trainees (voluntary):

The Trainees will be recruited when needed from many final year students of University of Sannio.

The consultant:

It is foreseen a consultant who will give assistance to the management of PR Activities.

• Premises	YES	NO
<input type="checkbox"/> Will they be clearly separated from those of existing bodies ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Will their location permit easily communication and marketing functions towards the public and enterprises ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Are they already identified ?(If so, give details)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Explanatory comments :

The Staff of the Agency will work in full autonomy, in local envoys to disposition from the Province of Benevento and that they allow the easy communication with the consumers (energy consumers) final of the service.

The Agency will use the appropriate offices of the Province as an extension of its own technical staff.

- (h) **How do you envisage the future of the agency after the three year period of the contract ?** (its status and autonomy, its local, national and European partnerships, its work programme targeted on energy management, its geographical working area, its financing without direct Commission support, etc...)

By the year 2008, it is expected that the Agency will be an autonomy financial body with functioning stability. However the Province of Benevento states its commitment to continue the project after 3 years even if the Agency.

It will establish relationships of technical collaboration with the local Administrations, today represented from the Province of Benevento offering consultation in the sectors interested by the project planning.

Support to the P. A. for the aspects decisional and normative of the energetic-environmental politics.

The directive organ will always have a balanced composition, representative of all the involved parts.

Promotion of the relationships of cooperation paneuropea and of technological exchanges in the sectors of intervention, not only with the involved partners, grazie all'adesione del network europeo Energie-Cités.

In the following years those activities will be realized inserted in the work programme that has not been developed in the first three years of activity, in terms of:

- Reduction of conventional energies consumption
- Enhancement of the use of renewable energy resources
- Reduction of environmental impact
- Contribution to sustainable development of the local economy, by means of creation of income and new job opportunities.

3.3 Working programme and activities of the agency : (minimum three years)

a) Principal objectives of the agency

The main objectives of the agency are:

1. Adopt and improve primary energy saving techniques (RUE, Rational Use of Energy)

In this field of energy activity, the agency aims will be:

- to identify the possible tools in order to realize an optimisation of traditional sources (not renewable)
- to promote the culture and the adoption of energy saving techniques and of the rational use of sources towards the greater possible number of local public and private actors; so that it will be possible to contribute and to stimulate a socio-economic development inspired by principles of environmental sustainability.

2. Support and enhance the use of renewable energy resources (RES, Renewable Energy Sources)

The Agency, within this objective, will promote the research of new energy sources and the knowledge, as well as the spreading and the development of all available technologies. Besides some actions will experiment an integrated approach whereby traditional energy savings for the buildings are combined with environmentally – friendly energy generation.

It will be useful also the participation to national, European and international level in order to pursue these objectives.

3. Contribute at local level to the reduction of environmental impact (REI, Reduction of Environmental Impact)

The agency will promote the exploitation of fuels (not renewable sources) characterized by a low environmental impact.

4. Raise the level of energy efficiency and improve techniques and plants (Energy Efficiency)

The activities of the agency must improve both the energy efficiency in all public and private activities (as buildings, industry, transport) and the utilization of local energy sources.

All these objectives will contribute to the general goal of **decreasing the deficit of the energy balance** through the reduction of consumption and the exploitation of local energy resources

As regards **the socio-economic aspects**, the agency will also have the objectives of:

- **stimulate a process of economic development** in the province and contribute to the creation of new **job opportunities** with all measures and actions of energy policy;
- **training and development of competencies in the field of the energy saving and renewable energies**, in particular in the employment of advanced technologies, and about the reduction of environmental impact.
- **informing and increasing the awareness of the local public authorities, industrial enterprises citizens on energy related issues;**

b) Give details of the work programme according to the following structure:

<u>Activities</u>	<u>Basic information required for each activity</u>
<u>1. Start up phase</u> public launch strategy and planning PR activities <u>2 Energy programming</u>	<u>Overview on the strategy for the agency</u> <u>PR and promotion tools</u> <u>Energy balance</u> <u>Energy planning preparation or update</u> <u>Other energy planning strategies</u>
<u>3. Sectorial activities</u> (a very relevant part of planned activities for the agency will fall under this point. Please include here all specific activities one by one) Example: RUE Schools, Sport centres, Social housing RES Solar, Wind, PV..... Energy efficiency in Transport Other 4 <u>Horizontal activities</u> 5 <u>Dissemination of results</u> 6 <u>Cooperation activities</u> At local level At national level At international level	aims of the activity level of geographical coverage (local, national, European) partners involved methodology beneficiaries expected results (see above) Dissemination mechanisms/tools Indicators for results (output, inputs, etc) Target level local/national/International To other agencies aims of the activity level of geographical coverage partners involved methodology beneficiaries expected results

1. START UP PHASE

Public Launch of the agency

In the first phase of the project will be established the operating aspects of the agency and will be create the work team. The steps will be:

- Management Board creation
- Recruitment of the permanent staff
- Creation of the Scientific Committee

Strategy and planning

Main elements which identify the strategy of agency's start up will be:

- ❖ *A strong integration among all promoters* (proposer and stakeholders) of the new agency which have specific skills in the field of sustainable development; so, their aim is to realize a sharing of abilities in the realization of the working programme and a gradual transfer of know how towards the staff of the agency;
- ❖ *The creation of a soft organizational structure in the agency, expression of an operational body;*
- ❖ *A relevant cooperation at local level;* the conquest, step by step, of several partnerships and/or unofficial relations with local public and private actors in the province. Because of the transversal nature of energy to several policies (for example residential and tertiary, transport, tourism, industry, waste management an so on), one of the main objectives of the agency is to involve also the local actors, in the definition of a strategy of sustainable use of energy at local level;
- ❖ *The development of a cooperation with other agencies at national and european level* in order to seek for further capacity building through several tools: sharing of problems and solutions, transfer of approaches and methodologies connected to the realization of activities of the agency.

So that, main steps aimed to realize the strategy in this start up phase will be:

- First'Partners Meeting
- Development of a draft of the Strategic Plan of the Agency.
- An inaugural Energy Agency network meeting will be arranged, with local study workshop to exchange Know - how and experiences and analyse their functioning
- A workshop with elected people in the province and other local authorities, economic associations, energy suppliers, utilities, consumers' organizations and other stakeholders on the strategy of the Agency
- Definition of the strategy and development of a plan connected to the promotion activities of the agency (see Communication Plan in the environmental and energy field) and to the realization of the working programme.

PR and Promotion Activities

- Promotion of the newly created agency towards local actors of all sectors through:
- Presentation and promotion of the agency to the local media and general public (press conference or a meeting of launch)
- Presentation of the agency to local stakeholders (organization of workshops where main participants will be, elected people, but above all, technicians, economic associations, energy suppliers and so on)
- Development of the Agency's official web page
- Utilization of press and radio
- Participation in all media and happenings with public impact
- Preparation and distribution of promotional material presenting the agency

1. ENERGY PROGRAMMING

The Province of Benevento, with the technical support of Sannio University, ENEA (National Body for Energy and Environment) and Fondazione Idis – Città della Scienza, has already realised a specific energy planning which provides:

- a picture of the Benevento Province in socio-economic and energy terms
- a future evolution of the local energy system
- a programming of actions aimed to realize primary energy saving, a rational use of energy in the area, a development of renewable resources, a reduction of environmental effect, a decrease of deficit in energy balance

This energy programming must be updated step by step: it can lead to some adjustments to the activities planned since a better assessment of the energy situation will be possible. The energy programming has to be a continuous process according to:

- the change of external (technological, legal, administrative, and so on) conditions
- the monitoring of the work programme

So, the Agency, will define the follow-up of all identified actions:

- establish the strategy and all organizational tools to follow-up the actions:
- constant monitoring the results
- audit of the working programme
- dissemination of the results

The sectorial and horizontal activities, described in the following pages, represent a small picture of the programming of actions in the Energy Plan of the province of Benevento; in this plan some actions have a high priority of realization, others a medium or low priority of realization according to the time (long, medium, short time). So that, the proposer will describe all the actions having a high priority (23) and indicate some projects having a medium priority.

3 SECTORIAL ACTIVITIES

3.1 *Actions aimed to the control of the energy consumption and pollution*

The Agency will provide activities aimed to realize two main objectives:

- the control of energy consumption, one of tools directed to a rational use of energy (RUE)
- the decrease of polluting substances which is connected to the reduction of environmental impact (REI).

RUE 1 Actions addressed to public subjects

Mainly, these actions involve properties of the local public administration: offices, schools, hospitals, libraries and museums, universities etc. The Agency will provide assistance for designing, implementing and following up projects:

- *energy auditing* of the buildings of the local authorities and creation of a specific database (figures connected to the understanding of physical and thermal conditions, the assessment of the typology and efficiency of heating systems). Partners involved are: the province of Benevento, public bodies, municipalities, etc.
- *monitoring of energy consumption of all public buildings* and development of high value added services. Partners involved, besides the above mentioned, will be the Campania Region, public utilities, private subjects and MARS (Mediterranean Agency for Remote Sensing);
- *a pilot project* about the reduction of electric consumption in all hospital field; it regards the

experimentation of a monitoring system

Within the tertiary sector, a specific action addressed to tourism sector, is indicated below.

RUE 2 Action involving some service industry

The agency, in co-operation with the province of Benevento, economic groupings and enterprises, will develop an *activity of energy auditing* in some relevant sectors: agroindustry, textile, engineering and wood industry, not metalliferous products.

Today, it doesn't exist a picture of entrepreneurial system about environmental and energy aspects; this action will bring to the definition of all necessary projects about electric and thermal plants, working technologies, the introduction of co - generating systems.

Another planned action regards the monitoring of energy consumption in the industrial sector. Partners involved are Campania Region, Province of Benevento, MARS, Economic Associations, private companies.

Besides, the agency will contribute, in cooperation with public and private subjects, to:

- the development and the *spreading of air conditioning plants in the service industry* (tourism, commerce, offices and so on); these new plants will base on heat pumps functioning *through gas cooling*.

REI 1 Actions connected to the transport field

The agency will contribute, in cooperation with public and private subjects, to:

- - the promotion of transport systems (public and private transport), characterized by a low environmental impact, through several measures and activities: information on the matter, incentives, rationalization of a distribution system;
- - Public Transport: improvement of perceived quality and safety.

3.2 Actions aimed to the development of new plants from renewable energy sources and cogenerating systems

RES 1 Definition of a quality mark in the farm holidays field aimed to stimulate the diffusion of renewable energy sources

This action is a *demonstrative project* directed to develop a set of parameters and proceedings for the definition of a quality trademark in a strategic economic activity in all province. The agency, in cooperation with existing economic associations in the area, will be involved in information and promotion activities and offer expertise and advisory services.

RES 2 Actions aimed to the development of new wind plants

The Agency will provide, with Provincial administration, Campania Region, municipalities and private subjects, to:

- *planning and installation of new wind plants;*
- *a feasibility study and a pilot project* for the creation of small wind plants (10-15 KW). The Agency will contribute to their realization directed to understand the energy potential within this source, more suitable technologies and the relapse on existing electric system. The core of the pilot project will be an experimentation of these technologies and appliances.

Besides for both actions, the agency will offer assistance and advice in these activities: the identification of organizational procedures, the definition of measures, tools, documents for fulfillment and of monitoring system (designing, implementing and following up investment project).

RES 3 Actions connected to a major utilization of vegetable biomass

There are three actions. First two actions, realized in cooperation with the province of Benevento, several municipalities and private subjects will be:

- . *realization of a new electric plant based on biomass source*. The agency will provide assistance for designing, implementing and following up project
- . *a feasibility study about a district heating system* using waste products coming from the electric plant above mentioned. Users of this system can be domestic field and agroindustrial sector. The agency will offer expertise and advice services in this action.

RES 4 Action aimed to the development of solar energy technologies (solar thermal plants)

This action is addressed to domestic buildings. The agency will stimulate a greater use of this source and the *installation of solar systems* for the supply of hot water in domestic buildings.

RES 5 Action aimed to the development of solar energy technologies (photovoltaic installation)

There are three, realized in cooperation with the province of Benevento, several municipalities and private subjects are:

- . *installation of small photovoltaic systems in the domestic field*
- . *promotion of solar system for heating water in the domestic field*
- . *realization of photovoltaic fields addressed to several sectors*.

The agency will provide assistance for designing, implementing and following up projects.

RUE 3 Actions connected to the development of co-generating systems

There are three actions in this field. The most important action is the *setting up of a great co-generative power plant*. This power plant is situated in an industrial area (Ponte Valentino). The agency, in cooperation with public and private actors, will provide assistance for its setting up.

Other planned actions are :

- a pilot project about the installation of small co-generating systems in the tertiary sector, above all the domestic field. Partners involved are: University of Sannio, Suppliers, Public and private Bodies.
- the last action, within this aim, is addressed to a specific entrepreneurial area, the district of S. Marco of Cavoti.

3.3 Actions about the rationalization and optimization of the provincial electric system and the access to the free market

Energy Efficiency 1 Improvement of electric power supply: quality and continuity

The agency will provide the designing and the *realization of several projects on the distribution system* in order to improve its level of quality. Mainly, this action is addressed to all productive activities located in the provincial territory. Partners involved are: Campania Region, Province of Benevento, Enel Distribution company, MARS and private subjects.

Energy Efficiency 2 Optimization of the purchasing process of electrical energy on the market

There are two connected actions. The first is aimed to:

- Information campaign on this matter and promotion of the *creation of consumers' associations for the purchase of electrical energy on the market*
- realization of an *integrated system regarding the management of these associations*.

The second is a *pilot project* which, within the aforesaid action, will experiment a monitoring system aimed to an efficient management of energy. Partners involved are: Province of Benevento, MARS, Rummo Hospital.

Another action is the designing and implementing of town planning schemes concerning public lighting systems (Energy Efficiency 3).

4. HORIZONTAL ACTIONS

These actions regard, above all, Information and training activities which contribute with the sectorial actions at the creation of favourable conditions in the process of economic development.

Other horizontal actions are: dissemination of results and cooperation activities which will be described, in details, in the following pages (4.1 e 4.3).

4.1 Information and training activities

The action plan, within the energy programming, identifies above all the following information activities:

- *the realization of a Communication Plan* aimed to discipline the public opinion on energy saving and to inform the same about the projects and events of local administration in environmental and energy field; It will plan, in details, promotional tools and the following campaigns;
- *a campaign aimed at raising awareness and knowledge of citizens* (domestic field) about main energy saving techniques;
- *an information campaign about the eco-audit in the industrial sector* in order to stimulate the adoption of the related regulations (EMAS, ISO 14001); besides the agency will offer assistance and information to small business enterprises about all existing public funding on this matter.

The Training activities are:

- training of professionals specialized in the control of the energy consumption and pollution: techniques and equipment. The potential trainees will be operators of industrial sector and of public administration; the aim is to create energy managers.
- training campaign (and realization of a following specific agreement) towards to Engineers, Architects and Geometers about all techniques and equipment which can be used in the domestic field.

- c) **Timetable : the start up of the agency must occur after the final financing decision of the Commission and the signature of the contract between the proposers and the Commission**

The actual start-up of the agency will be marked by **submission of the official declaration to the Commission** certifying that the contractors have set up the agency as a new legal entity, which has set up its Management Board, has recruited its first staff, has its own premises and bank account and that the funding from sources other than the Commission has been secured.

- start-up of the agency planned in (*months from the signature of contract*): 6 months
- completion of the contract planned in 3 years later

Timetable

(for carrying out the agency's work programme)

ACTIVITIES NAME ¹	year 1	year 2	year 3
1. Start up phase	<u>1 2 3 4 5 6 7 8</u> 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
2. Energy Programming	1 2 3 4 5 6 <u>7 8 9</u> 10 11 12	1 2 3 4 5 <u>6 7</u> 8 9 10 11 12	1 <u>2 3</u> 4 5 6 7 8 9 <u>10 11</u> 12
3. Sectorial Activities	1 2 3 4 5 6 7 8 9 <u>10 11 12</u>	<u>1 2 3 4 5 6 7 8 9 10 11 12</u>	<u>1 2 3 4 5 6 7 8 9 10 11 12</u>
4. Horizontal Actions	1 2 3 4 5 <u>6 7 8 9 10 11</u> 12	1 2 <u>3</u> 4 5 6 7 <u>8 9 10 11</u> 12	<u>1 2 3 4 5 6 7 8 9</u> <u>10 11 12</u>

d) Main topics covered by the future agency :

- Classify **in order of priority** its two or maximum three main domains of activity (housing or social housing, public or private transport, big or small and medium industry, agriculture, forestry, public buildings, public lighting, information and public awareness, training, etc...).

1°. Expertise and advisory services (for consumers, enterprises, local authorities, etc...) **priority n° 1**

The Agency will provide advice to entrepreneurs, agencies and, all private and public subjects, in the assessment, planning and designing of more suitable projects for the rationalization and saving of the energy sources and for the reduction of their impact on the environment.

The technical staff of the Agency will provide also advising and information services about: tools and opportunities in energy saving, financing for plants, legal and administrative procedures and all main laws in energy and environmental field.

Finally, the Agency will provide advice services to the consumers in the field of energy saving and renewable energies and will encourage them to adopt energy efficient systems.

¹ Corresponding to the phases indicated in point 3.3.b of your programme.

2° Assistance for designing, implementing and following up projects **priority n° 2**

The Agency will co-operate with technicians involved in territorial planning in order to stress the importance of introducing energy as a parameter to be taken into account in all decisions, especially concerning urban planning and authorizations granting. It will provide all requested assistance to planning and implementing projects.

In order to stimulate the development of economic potentials the Agency will promote initiatives inspired to rational use of energy and energy saving, contributing to the creation to new job opportunities, for example, in the maintenance, monitoring, energy-based advanced technologies activities.

Finally, the agency experts will submit proposals to EU Commission, national and regional programmes, in order to reach self financial autonomy and will assist the local actors during the submission of the proposals.

3° Information and public awareness **priority n° 3**

The Agency will support the realization of actions aimed to increase awareness of all citizens on energy saving, rational use of energy, renewable sources through information and communication campaign devoted to the adoption of individual and collective sustainable behaviors. In the same field, the Agency will promote the organization of specific workshops and meetings to involve authorities, consumers' and economic associations, environmental groupings, Chambers of Commerce in the local debate on energy and to support targeted projects and programs.

- **Classify in order of priority the two or maximum three main categories of beneficiaries** (consumers and households, pupils and students, private associations or NGO's, industrial firms, traders and small businessmen, farmers, large or small local authorities, energy companies, etc...) and explain how you intend to collaborate with them.

1° Local authorities

2° Small and medium enterprises in some manufacturing activities and tertiary sector (also energy field).

3° Residential field/households

- **In which energy fields will the agency operate (classify them in order of priority).**

In the field of energy saving : priority n°...1..

In this field the agency will contribute to rational use of energy (RUE) through actions aimed to the control of energy consumption. This objective will be aimed through:

- Activities of energy auditing and monitoring realized both in the tertiary sector (above all properties of public administration, hospitals, and so on) and in some manufacturing activities located in the province;
- Building projects in hospitals, schools and universities;
- New air conditioning plants functioning through gas cooling
- the development of co-generating systems in hospitals, in domestic field and industry

In the field of renewable energy sources : priority n°...2

The agency will operate for the creation of new installations using renewable sources in order to reduce the deficit of energy balance in the province of Benevento.

Mainly the actions regard:

- new wind plants
- development of electric and thermal energy from biomass source

creation of photovoltaic systems

In other fields (give details) :

Priority n°...3...Reduction of Environmental Impact

Regard this objective, the planned actions regard, above all, the transport field.

Over 40% of the global energy consumption in the province comes from this field. So the agency will operate to stimulate the adoption of vehicles based on electric traction or using fuels at low impact on the environment.

Priority n° 4 : Energy Efficiency

This priority is connected, mainly to the improvement of electric power supply through several projects aimed to raise the quality of the distribution system; to the promotion of consumers' associations for the purchase electric energy on the free market

e) Details on the main tasks of permanent staff (classified in order of priority)

Expertise and advisory services (for consumers, enterprises, local authorities, etc...) : priority n°...1

Consumers : the Agency will provide advice services to the consumers in the field of energy saving and renewable energies and will encourage them to adopt energy efficient systems.

Enterprises and local authorities : The Agency will provide advice to entrepreneurs, agencies and, all private and public subjects, in the assessment, planning and designing of more suitable projects for the rationalization and saving of the energy sources and for the reduction of their impact on the environment. The technical staff of the Agency will provide also advising and information services about: tools and opportunities in energy saving, financing for plants, legal and administrative procedures and all main laws in energy and environmental field.

Assistance for designing, implementing and following up investment projects : priority n°...2.

The Agency will co-operate with technicians involved in territorial planning in order to stress the importance of introducing energy as a parameter to be taken into account in all decisions, especially concerning urban planning and authorizations granting. It will provide all requested assistance to planning and implementing projects.

Finally, the agency experts will submit proposals to EU Commission, national and regional programmes, in order to reach self financial autonomy and will assist the local actors during the submission of the proposals.

Training

Information, dissemination, documentation, : priority n° 3.

The Agency will support the realization of actions aimed to increase awareness of all citizens on energy saving, rational use of energy, renewable sources through information and communication campaign devoted to the adoption of individual and collective sustainable behaviors. In the same field, the Agency will promote the organization of specific workshops and meetings to involve authorities, consumers' and economic associations, environmental groupings, Chambers of Commerce in the local debate on energy and to support targeted projects and programs.

Other fields (e.g. studies, planning activities, etc...give details) : priority n°

f) Foreseen role of the different actors of the project (add extra pages if necessary)

- Describe the supports given by the proposer :

The Province of Benevento will support financially the Agency and will assist the newly created agency in establishment relationships with the local and regional authorities and operators. This means that the province is very interested in using the Agency's results given that it pays for the energy expenditures derived from its consumption, therefore will benefits directly from the savings to be made. Then it will participate to dissemination phase organizing seminar, workshop and meetings between the Agency's staff and the municipal specialists involved in planning processes. Besides its elected officer will be the president of Management's Board. The Province intends to continue the project after 3 years, and furthermore the Agency will have more self governing thanks to the self financing.

- Describe the supports given by other stakeholders of the agency (different from energy agencies mentioned in the following point) :

The following stakeholders of the agency:

- Banca del Lavoro e Piccolo Risparmio S.p.A
- Cia – Confederazione Italiana Agricoltori Provincia di Benevento
- Coldiretti Benevento
- Unindustria Servizi S.p.A Benevento
- ANCE Benevento – Associazione Nazionale Costruttori Edili
- Confindustria Benevento
- Fondazione Idis – Città della Scienza
- Università degli Studi del Sannio
- Parco Scientifico e Tecnologico di Salerno e Aree Interne della Campania

will furnish scientific technical support, transfer of know how and of experiences. They will support the activities planned in the work programme, the territorial analysis activities and they will furnish necessary specific competences according to the demand.

They will collaborate to the activities of diffusion of the results, to the organization of seminars, meetings, conferences, to the management of the relationships with the foreign partner and with the European network Energy-Cités. Furthermore, some of them will give a financial contribution to the project.

- Describe the relationship and support given by existing energy management agencies (if any) at:

❖ National level :

ENEA, National Agency for New Technologies, Energy and Environment, will be member of Scientific Committee of the Energy Agency of Benevento; so will provide in the technical support and evaluations, transfer of know-how and experience, and providing guidelines in the fields of energy efficiency and renewable sources. The Province of Benevento have recognised the importance of ENEA's collaborations and the possibility to create new jobs by introducing new technologies and systems to up-grade the energy efficiency and the sustainability programs.

❖ Regional level :

The energy agency of Benevento Province will cooperate with existing national and sub national agencies to exchange information and experiences on the under way or already conducted projects. The collaboration with the two nearest agencies ANEA (Naples Agency for Energy and the Environment) and AGEAS (Agenzia per la Gestione dell'Energia e l'Ambiente Salernitana) will be particularly developed to maximize good practices and results in the local/regional/european context because ANEA belongs to the European network of SAVE Agencies and to the RENAEL, the Italian network of local energy Agencies and AGEAS belongs to the European network of SAVE Agencies and to the European Network FEDARENE.

❖ Sub-regional level :

❖ Local level :

❖ In other countries:

- Role of sub-contractors (give the name of the organisations or consultants and describe the part of the sub-contracted programme). *Please be aware that subcontracting must not cover the core activities of the agency, since the objective of this programme is the creation of in-house expertise in the agencies. :*

The sub-contractors will be technicians as support of the agency in the rilevament and statistic case studies. Other two sub contractors will be the “Parco Scientifico e Tecnologico di Salerno e delle Aree Interne della Campania” and “Fondazione IDIS – Città della Scienza”, that will accompany the agency in the identification and definition of involvement methodologies and technicians instruments, in the finding and selection of the existing material and information, in the organization of users database and mailing list; in the organization of the events, and in the phase of divulgation, exchange and spreading action.

4. EXPECTED RESULTS AND THEIR UTILISATION

4.1 What results do you expect from the work of the agency (for energy, sustainable development, employment, the environment, etc...). Give figures if available and reliable.

Expected results in the field of energy and environment

Expected results in figures

Expected results in the rational use of energy (RUE) and in the reduction of environmental impact (REI)

- *experimentation of a monitoring system in the hospital field.*
Potential primary energy saving: 120 tep per year
Potential reduction of polluting emissions: 300 t/CO₂ per year
- *Spreading of air – conditioning plants using gas cooling in the service industry*
Potential primary energy saving: 10% respect traditional plants based on electric energy
Potential reduction of polluting emissions: 35% respect traditional plants based on electric energy
- *A study about industrial processes in order to realize a reduction of energy consumption and of environmental impact.*
Potential primary energy saving: 9389 tep per year
Potential reduction of polluting emissions: 41 * 10³ t/CO₂ per year
- *The setting up of a great co-generative power plant*
Potential primary energy saving: 723 tep per year
Potential reduction of polluting emissions: 2836 t/CO₂ per year
- *the development of co-generating systems in the hospital field.*
Potential primary energy saving: 230 tep per year
- *a pilot project about the installation of small co-generating systems in the tertiary sector, above all the domestic field.*
Potential primary energy saving: 15% respect traditional plants
Potential reduction of polluting emissions: 25% respect traditional plants

Expected results in the renewable energy sources (RES)

- *creation of new wind plants addressed to all sectors .*
Potential primary energy saving: 30.000 tep per year
Potential reduction of polluting emissions: 95.400 t/CO₂ per year
potential power plant: 75 MW
potential energy production: 135 GWh per year
- *new electric installation based on vegetable biomass addressed to all sectors*
Potential primary energy saving: 14.960 tep per year
Potential reduction of polluting emissions: 47.570 t/CO₂ per year
potential power plant: 8.5 MW
potential energy production: 68 GWh per year
- *Diffusion of heating systems and hot water in the domestic buildings based on vegetable biomass*
Potential primary energy saving: 35 % respect traditional plants
Potential reduction of polluting emissions: 20 % respect traditional plants
- *Installation of solar systems for the supply of hot water in domestic buildings*
Potential primary energy saving: 7725 tep per year

- *Installation of small photovoltaic systems in the domestic field*
 Potential primary energy saving: 3410 tep per year
 Potential reduction of polluting emissions: 10.844 t/CO₂ per year
 potential power plant: 13 MW
 potential energy production: 15.5 GWh per year
- *Realization of photovoltaic fields addressed to several sectors*
 Potential primary energy saving: 4312 tep per year
 Potential reduction of polluting emissions: 13.712 t/CO₂ per year
 potential power plant: 16 MW
 potential energy production: 19.6 GWh per year

Expected results in the field of energy

Expected results without figures

Expected results in the rational use of energy (RUE) and in the reduction of environmental impact (REI)

- realization of energy auditing about properties of the Province and of the other public bodies and buildings for public utilities
- Creation of a database of useful information about public buildings (energy consumption, existing electric power, thermal characteristics and conditions of heating systems, and so on)
- realization of an integrated system for the monitoring and the management of energy in public buildings: creation of the structure and realization of a pilot project in the hospital field on this matter
- Towards an optimal exploitation of energy sources and evaluation of energy quality and efficiency
- Diffusion of renewable sources in farm holidays
- realization of energy auditing about manufacturing activities aimed to identify specific measures and tools for the increase of energy efficiency both in thermal and electric field
- An integrated system for the monitoring and the management of energy in the manufacturing activities
- experimentation (project pilot) and promotion of new vehicles in public and private transport for the reduction of environmental impact
- Improvement of quality in the transport field through the creation of a monitoring system

Expected results in the renewable energy sources (RES)

- experimentation of small wind plants for the tertiary sector (project pilot)
- study on a district heating system based on waste products of biomass source
- development of co - generating systems in a specific entrepreneurial area

Expected results in the energy efficiency (EE)

- Improvement of electric power supply through the realization of several projects on the distribution system
- Reduction of expenses on electric energy

Expected results in the field of economy and employment

- potential creation of new jobs in the energy field above all in the renewable energy sources
- potential creation of new jobs related to building projects
- increasing of energy consciousness among public opinion, above all citizens and domestic field
- improvement of quality of public buildings or public utilities (above all hospitals)
- improvement of quality in the transport field
- improvement of quality of life related to several projects planned for domestic buildings
- increasing of energy consciousness of industrial and tertiary sector
- creation of energy managers and technicians in energy field

4.2 Describe the strategy and means proposed to disseminate the results at local or regional level (*Information and promotional material, organisation and participation to events, etc...*)

The dissemination of results will be directed to inform the public opinion about activities, projects and actions promoted from the province of Benevento and managed from the agency.

The action of dissemination will represent an important part of all information and promotion activities directed to:

- present the new created agency in the local area
- increase an energy consciousness
- promote all planned projects and proposals in the energy and environmental field
- inform about intermediate and final results reached from the agency

Target:

- citizens
- schools
- professionals like Architects, Geometers and Engineers
- operators of the Province and the Municipalities (local Public Administration)
- members of industrial sector
- operators of some services' activities
- technicians and professionals which are involved in energy sources management

Main objectives in the activities of dissemination

- to stimulate the knowledge of all target about projects and actions finalized to a rational use of energy, to an increasing use of renewable energy sources, to a raise of energy efficiency;
- to produce councils and give indications in order to educate the collectivity and to stimulate correct behaviors of the citizens in the environmental and energy field.
- To inform the entrepreneurial system of the province about projects, measures and opportunities developed in this field

Information and promotional material

Main tools will be: information brochures, leaflets and informative material.

Information brochures aimed:

- To provide suggestions regarding the most common energy-saving techniques in the home according to the realized actions on this matter;
- To improve the dissemination of alternative energy technologies, offer information to small and medium enterprises, to enhance energy efficiency in production processes and in services.

Leaflets aimed to divulge some information on specific opportunities and measures addressed to industrial and tertiary sector.

Informative material connected to the events realized from the agency on this matter and explained in the following lines.

Media

The agency will use also local radio and press in order to advertise the realization of the most important actions. The Agency will use Internet and to disseminate results locally, nationally and worldwide; it will create a specific web site as an important tool for all promotion and information activities.

On this web site, all contents and news will be organized according to the different members of the global target.

Organization of events

Workshops and other activities of dissemination will also be held in collaboration with local authorities and other institutions.

The objective will be to inform about projects in progress or realized and divulge the main results both in energy and environment field and in the development of economic or social activities.

The workshops can be organized according to the different matters and strategic objectives.

These events will be aimed both to disseminate the results of the activities and to involve local authorities and economic groupings.

4.3 Describe the indicators you propose to measure your performance during the three-year period (*N° of enterprises assisted, investment facilitated, projects implemented, technology matches, citizen awareness, etc...*) and methodology to verify indicators.

The constant assessment of actions of the work programme and the monitoring of results will allow to identify and explain all realized changes in the use of energy sources according to the several sectors.

Useful information can come from the data of energy balance, in addition to specific ratios which describe the possible relation among energy variables and socioeconomic figures (economic, demographic, physical aspects, etc.).

So the energy study and the assessment of all realized actions and projects will use the indicators connected to economic activities (agriculture, industry and tertiary sector) and to civil characteristics (residential field and transport) because the energy has a transversal nature; it will be possible to check the kinds of energy utilization and to appraisal the global efficiency reached in the final consumption fields.

The concept of energy efficiency is often related to the meaning of rational use of energy; infact the second indicates a better utilization of energy (both in the service performance and in the production of goods) aimed to allow a reduction of its consumption, for the same realized service or production.

The ratios between energy quantities and economic, structural, demographic variables, etc, represent energy efficiency indicators; they can regard any economic activity at national or local level.

These indicators allow a comparison among the energy efficiency reached in several territories and can highlight possible low values in the several final consumption sectors.

Main useful data, in the process of calculation, are official statistics or, specific valuation.

At provincial and local level, some data are not disposable and so these indicators; but, in general it is possible to realize a useful comparison.

So we have two kind of indicators:

- Energy intensity which represent the ratio between energy consumption and an economic variable (Added value, Gross domestic product, investments, etc) based on constant prices;
- Technical - economic indicators, named per capita consumptions, which represent the ratio between energy consumption and physical variables.

Regard the Province of Benevento, it is possible to calculate the following indicators:

- Macroeconomic indicators:
 - Energy intensity of the global added value
 - Electric intensity of the the global added value
 - Energy Consumptions per capita
 - Electric Consumptions per capita
 - Energy consumptions per square meters
- Indicators of energy efficiency in the residential sector:
 - Average energy consumption *per employed house*
 - Mean electric consumption *per employed house*
- Indicators of energy efficiency in tertiary sector (also PA):
 - Energy intensity of the added value in the sector
 - Electric intensity of the added value in the sector
 - Energy Consumption per employed in the sector
 - Electric Consumption per employed in the sector
- Energy efficiency indicators in the transport field:
 - Energy intensity of the global added value
 - Per capita consumption of petrol *per equivalent car*
 - Per capita consumption of gas oil *per equivalent car*
- Energy efficiency indicators in the industrial field:
 - Energy intensity of the added value in the sector
 - Electric intensity of the added value in the sector
 - Energy Consumption per employed in the sector
 - Electric Consumption per employed in the sector
- Energy efficiency indicators in the agriculture:
 - Energy intensity of the added value in the sector
 - Energy Consumption per employed in the sector.

5. EUROPEAN CO-OPERATION

5.1 Specify the origin of and reasons for the co-operation:	YES	NO
- No particular reason (to meet the obligation imposed in the invitation to submit proposals)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- Long-standing friendship between the proposers (twinning, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- The proposers have already worked together in other fields	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- The proposers met at a meeting on energy matters	<input type="checkbox"/>	<input checked="" type="checkbox"/>
- The proposers were contacted by a network for exchanges of experience	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Others (give details) :		

Explanations

The proposers Province of Benevento (Italy) and Hull City Council (United Kindom) were contacted by association TECLA “Associazione per la Cooperazione Transregionale Locale ed Europea” to whom Province of Benevento is associated.

5.2 Partnership with regional or local experienced energy management agency(ies) (with a minimum of 4 years' experience).

- Have you already chosen any agency(ies) ? Why?

No, we have not chosen other experienced agencies.

- What will be the exact role of this (these) agency(ies)? (quantify it in economic terms in form I.4 of Part I as subcontracting costs). If you have not chosen any agency, which would be the subjects you would be interested for initial co-operation?

5.3 If a (some) network(s) is (are) forecasted to assist the co-operation between the future agencies, state its (their) exact role and quantify it in economic terms in form I.4 of Part I as subcontracting costs.

The proposers contacted Energie-Cit  es for the partnership matters

Energie-Cit  es will give support to co-operation activities, assisting relations of the future agencies between them and the already exist agencies.

The networks will provide the followings activities:

- Assistance to filling in the form of European call for proposal in the future;
- Developement of synergy between own agency and other European agencies,
- Advising in setting up of the Agency and working out the plan of activities.
- Dissemination and promotion of own agency's projects.
- Assistance in preparing trans-national meetings participation in meetings of the agencies networks

5.4. Any other partnership envisaged for the European co-operation (name of organisations, NGO's, etc... and exact foreseen roles)

Other subjects involved in the activities of European-cooperation and in the management of the relationships with the international partnership will be "TECLA" and "Parco Scientifico e Tecnologico di Salerno e Aree Interne della Campania – PST" that operates in the field of local development and European cooperation.

5.5 Main aims of the co-operation (Transfer of know-how, staff exchanges, comparison of situations and approaches, shared problems and solutions, exchanges of energies, etc...)

The activities to be conducted in the field of transnational relations will be considered of a great importance. As a consequence, different workshops, meetings and Staff exchanges will take place in close dates or in the session planned for *PR and Promotion Activities*. These meetings will give to national and transnational partners the possibility to meet each other, to discuss and exchange experiences and knowledge regarding techniques, methodologies and operative processes applied to different countries. Furthermore, they will be the meeting place for a confrontation on common interest issues, on the main points of already realized interventions and on any other information and methodology useful to an effective know-how spreading about:

- Primary energy saving techniques;
- renewable sources of energy;
- reduction of environmental impact

5.6 Content and methods for co-operation between the new agencies during the 3 year period of the contract

	Expected number in three years	Number of person-months allocated to this type of activity by :		
		Permanent staff of the new agency	Experienced agency(ies)	Others (e.g. networks...)
Workshops	6	9		1
Meetings between elected representatives	3	1,5		2
Common training sessions	3	1,5		1
Common projects	3	6		1
Joint participation in fairs and exhibitions	3	3		0,5
Staff exchanges	2	1,5		
Joint publications/information tools/campaigns	several	9		1
Joint rapid data interchange system	Continuous, via phone, fax, e-mail, forum	3		
Others (give details) external technical assessment				1
TOTAL	20	33,5		7,5

Comments:

- Workshops destined to an experienced target directly interested to methods, technics, procedures and problems related to the use or production of energy from alternative sources (companies, professionals, representatives of Institutions) with technical-operative evidence on already realized experiences and success cases. There will be two per year, for a total of six, to ensure a good exchange of experience between Benevento's Province and partners. Three of the workshops will take place in Benevento and the other three in region of partners. Two members (the Director and one technician) of the Agency staff will attend the workshops.
- Meetings between elected representatives: there will be three meetings during the three years (one at the beginning of the first year, one at the end of the second year and another one at the end of the third year).
- Common training sessions There will be three common training session aiming at inform and training staff agencies about European funding and future strategic plan of UE in the field of energy and environmental issues.
- Common pilot project: at least one common pilot projects will be carried out probably related to the themes of Agenda 21.
- Joint participation in fairs and exhibitions There will be one per year, for a total of three, to ensure a good dissemination of results of the agencies' activities
- Staff exchanges: it is foreseen the visit of both Agencies Directors at the beginning of the second year when some activities will be already carried out
- Joint publications/information tools/ campaigns: Web pages with particular access ways to be inserted in the web site with information on the current project, on the national and community initiatives, a database with project and experiences on the energetic and environmental matters, exchange mailbox and services for information request/sending, brokering regarding the main normative and technical-scientific references concerning these sectors, proposals for the setting up of national and transnational partnership.
- Joint rapid data interchange system: Will be used particularly the E-mails to send a mailing list formed by persons already operative or potentially interested in the selected sector. There will be a newsletter containing technical, managerial and financial information
- Others: this indication refers to the man-months allocates for interpreters and translators and other services, in order to ensure the best exchange of experience between elected representatives and technicians of the different States during their meetings, as well as to produce multilingual document

5.7 Strategies and activities planned to disseminate successful actions and other results obtained by the agency at European and international levels

The dissemination of the results of the activities of the two agencies will be carried on through the following actions:

- participation in the most important European and international events dealing with energy management and environment protection (conferences, workshops, meetings);
- participation in fairs and exhibitions
- campaigns on specialised press, both national and international
- publications on Energie-Cités newsletter "Energie-Cités INFO"
- targeted marketing activities
- participation in the Meeting of D.G. TREN of the European Commission;
- dissemination of documents to towns interested to our project;
- publication on web pages;
- co-operation with the Italian and English national agencies working in the field of energy management and environment protection.

5.8 Main points of agreement in principle already reached with regard to the contractual relations necessary between the agencies associated with the project (in particular to co-ordinate and manage the Community aid)

YES NO

- | | | |
|--|-------------------------------------|-------------------------------------|
| - A formal agreement between the partners has been concluded (if so, give a copy). | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| - An agreement between the partners has been drafted but not yet formally adopted | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| - No thought has been given to this matter as yet | | <input checked="" type="checkbox"/> |



Confederazione Italiana Agricoltori
Provincia di Benevento

Prot. n. 148 A.G.
Cod. Fisc. : 80001110628

European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

*Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004*

Letter of intent

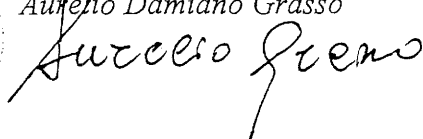

I, the undersigned Mr Aurelio Grasso President of *Confederazione Italiana Agricoltori di Benevento*, placed in Benevento, via Delle Puglie - 34, am pleased to declare our willingness to be a partner in the aforementioned project entitled "ASEA" and carried out, as Co-ordinator, by Province of Benevento.

Our support will be financial.

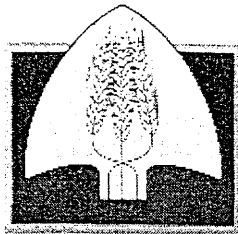
In terms of contribution to the costs of the project, the *CIA Benevento* will plan a financial contribution of €5.000 and some human resources for the first three years of activity of the future agency.

Best regards.

Benevento, 17 marzo 2005

Il Presidente
Aurelio Damiano Grasso



COLDIRETTI



BENEVENTO

Prot. 363/05

Benevento, lì 17 Marzo 2005

European Commission
Directorate general for Energy and
Transport
Intelligent Energy Executive Agency
Brussels

Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of Local and Regional Energy Agencies: Call for proposals 2004 TREND/DIR D/SUB/05-2004

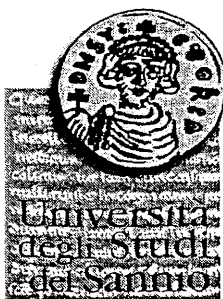
I, the undersigned Mr Gennarino Masiello, President of Federazione Provinciale Coltivatori Diretti, placed in Benevento, Via Mario Vetrone, am pleased to declare our willingness to be a partner in the aforementioned project entitled “ASEA” and carried out, as Co-ordinator, by Province of Benevento.

In terms of contribution to the costs of the project, the la Federazione Provinciale Coltivatori Diretti will plan a financial contribution of € 2.500,00 for the first tree years of activity of the future agency.

In order to best organize the activities and for a good running of the agency, we confirm our intention to offer the availability of our own staff with appropriate technical competences, about the conditions that will be defined as a result of the establishment.

Best regards.

The Chairman
(Gennarino Masiello)



Posizione: *Ufficio Staff Affari Generali del Rettore*

Prot. n. 216

del 16/03/05

European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

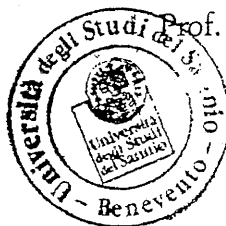
Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of Local
and Regional Energy Agencies: Call for proposals 2004 TREND/DIR
D/SUB/05-2004

Letter of intent

This letter is to confirm that the University of Sannio , which seat in Piazza Guerrazzi 1, Benevento., represented by Aniello Cimitile is intending to participate in the project for the creation of an energy agency in the Benevento area, carried out by Province of Benevento as Coordinating Proposer.

Our support will be technical and scientific.

Benevento, 16 marzo 2005



The Rector
Prof. Aniello Cimitile

European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

*Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of
Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004*

Prot. n. 1417 del 18/03/2005

Letter of intent

I, the undersigned Mr Alfredo Cotroneo, President of “Banca del Lavoro e del Piccolo Risparmio S.p.A.” placed in Benevento, to Contrada Roseto, am pleased to declare our willingness to be a partner in the aforementioned project entitled “ASEA” and carried out, as Co-ordinator, by Province of Benevento.

Our support will be financial.

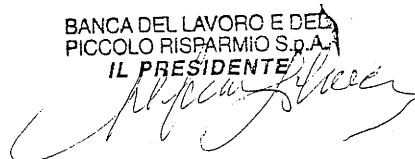
In terms of contribution to the costs of the project, the “Banca del Lavoro e del Piccolo Risparmio S.p.A.” will plan a financial contribution of € 10.000,00 for the first three years of activity of the future agency.

Best regards.

Benevento, 18/03/2005

The chairmen

BANCA DEL LAVORO E DEL
PICCOLO RISPARMIO S.p.A.
IL PRESIDENTE





CONFINDUSTRIA BENEVENTO

European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

Prot. 63

***Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004***

I, the undersigned Mr. Costanzo Jannotti Pecci, President of Unione degli Industriali della provincia di Benevento, placed in Benevento, Via Gaetano Rummo n. 11, am pleased to declare our willingness to be a partner in the aforementioned project entitled "ASEA" and carried out, as Co-ordinator, by Province of Benevento.

In terms of contribution to the costs of the project, the Unione degli Industriali della provincia di Benevento will plan a financial contribution of € 2.100,00 and 50 days-man together with our associated ANCE (Builders National Association) employed in a territorial analysis activity, for the first tree years of activity of the future agency.

Best regards.

Benevento, 18 marzo 2005

The Chairman

Costanzo Jannotti Pecci

European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

Prot. 63

***Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of
Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004***

I, the undersigned Mr. Giuseppe Pellegrino, President of ANCE Benevento, placed in Benevento, Via Gaetano Rummo m. 11, am pleased to declare our willingness to be a partner in the aforementioned project entitled “ASEA” and carried out, as Co-ordinator, by Province of Benevento.

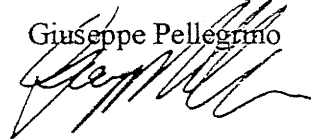
In terms of contribution to the costs of the project, the ANCE Benevento will plan a financial contribution of € 2.100,00 for the first tree years of activity of the future agency.

Best regards.

Benevento, 18 marzo 2005

The Chairman

Giuseppe Pellegrino



European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

***Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of
Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004***

I, the undersigned Mr. Sergio Vitale, Amministratore Unico of Unindustria Servizi SPA, placed in Benevento, Via Gaetano Rummo m. 11, am pleased to declare our willingness to be a partner in the aforementioned project entitled “ASEA” and carried out, as Co-ordinator, by Province of Benevento.

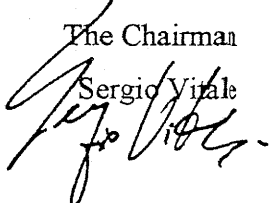
In terms of contribution to the costs of the project, the Unindustria Servizi SPA will plan a financial contribution of € 6.000,00 for the first tree years of activity of the future agency.

Best regards.

Benevento, 18 marzo 2005

The Chairman

Sergio Vitale



82100 BENEVENTO
VIA G. RUMMO 11
TEL.: 0824 43521/2
FAX: 0824 29595

ISCRIZIONE CCIAA N° 110491
P. IVA 01315290625

CAPITALE SOCIALE: 125.000,00 EURO



European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

*Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of
Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004*

Letter of intent

This letter is to confirm that Ageas Salerno, which seat in Salerno (Italy) Via Roma 104 Pal. S. Agostino, represented by Angelo Paladino (Chairman) is intending to participate in the project for the creation of an energy agency in the Benevento area, carried out by Province of Benevento as Coordinating Proposer.

Our support will be technical and scientific.

Salerno, 17/03/2005

The Chairman

Angelo Paladino

Ageas Salerno

Il Presidente

Avv. Angelo Paladino

European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

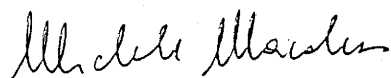
*Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of Local and
Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004*

Letter of intent

This letter is to confirm that ANEA – Agenzia Napoletana Energia e Ambiente, which seat Naples, represented by Michele Macaluso is intending to participate in the project for the creation of an energy agency in the Benevento area, carried out by Province of Benevento as Coordinating Proposer.

Our support will be technical and scientific.

Date & legal representative's signature





European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

*Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of
Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004*

Letter of intent

This letter is to confirm that Fondazione IDIS Città della Scienza, which seat in via Coroglio n.104 (80124) Naples, represented by the legal representative, Prof. Giuseppe Vittorio Silvestrini, is intending to participate in the project for the creation of an energy agency in the Benevento area, carried out by Province of Benevento as Coordinating Proposer.

Our support will be technical and scientific.

Naples, 15/3/2005

Prof. Giuseppe Vittorio Silvestrini

FONDAZIONE IDIS-CITTÀ DELLA SCIENZA

80124 Napoli - via Coroglio, 57 e 104

tel. +39 081 7352.171 fax +39 081 7352.433

info@cidellascienza.it - www.cidellascienza.it

C.F. 95005580634 P.IVA: 05969960631 C.C.I.A.A. 493497 TRIB. NA 1281/93



Roma, 17/03/2005
Prot. ENEA/2005/18344/UDA-STG

European Commission
Directorate general for Energy and Transport
Intelligent Energy Executive Agency
Brussels

*Object: Intelligent Energy – Europe Programme - type 2 Actions - Establishment of
Local and Regional Energy Agencies: Call for proposals 2004
TREND/DIR D/SUB/05-2004*

Letter of intent

This letter is to confirm that ENEA (Italian National Agency for New Technologies, Energy and the Environment), which seat in Rome (Italy), represented by Ing. Giovanni Cetrone, Director of Unit STG, is intending to participate in the project for the creation of an energy agency in the Benevento area, carried out by Province of Benevento as Coordinating Proposer.

Our support will be technical and scientific.

Date & delegate's signature

17/03/2005

Ing. Giovanni Cetrone