



MALTA
NATIONAL
CONTACT
POINT



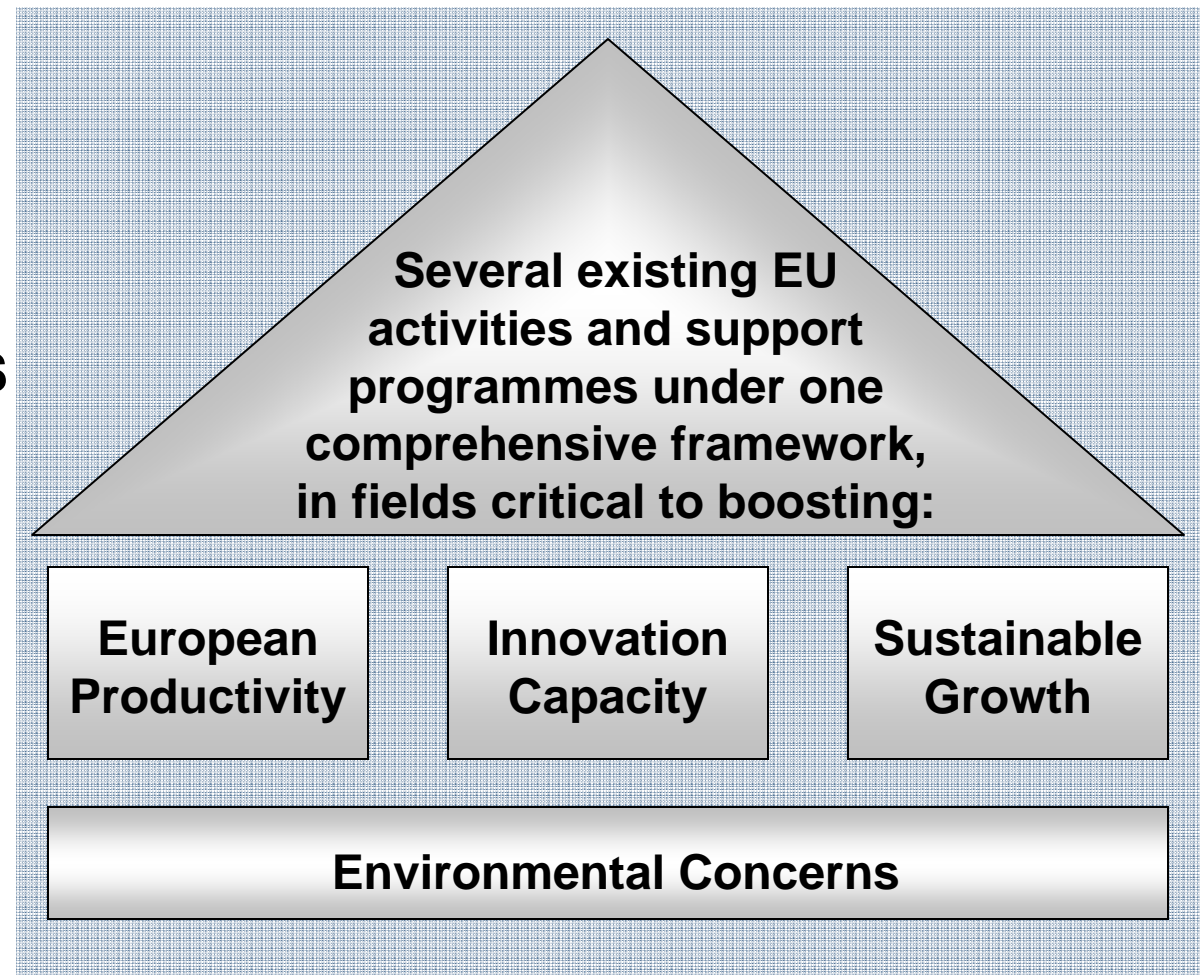
Zooming on Sustainability

Malta, 15th May 2009

Anamaria Pantea

What is CIP?

COMPETITIVENESS
INNOVATION
PROGRAMME



Its three pillars

Competitiveness and Innovation Programme (2007 – 2013)



**Entrepreneurship
and Innovation
Programme
(EIP)**



**Information
Communication
Technologies – Policy
Support Programme
(ICT - PSP)**



**Intelligent Energy
Europe
(IEE)**

Overarching objectives



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COMPETITIVENESS & **I**NNOVATION **P**ROGRAMME

- ✓ support innovation activities (including eco-innovation)
- ✓ provide better access to finance for SMEs
- ✓ deliver business support services within the regions
- ✓ encourage a better take-up and use of ICT whilst helping also to develop the information society
- ✓ promote the increased use of renewable energy and energy efficiency

What is our role as NCP?

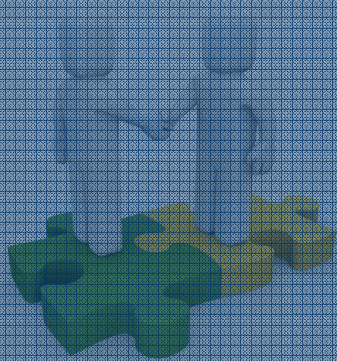
The CIP Malta National Contact Point

- Promotes and disseminates information
- Encourages and guides participation
- Provides Partner Search support
- Facilitates a collaborative framework conducive to development of synergies across the 3 pillars of CIP

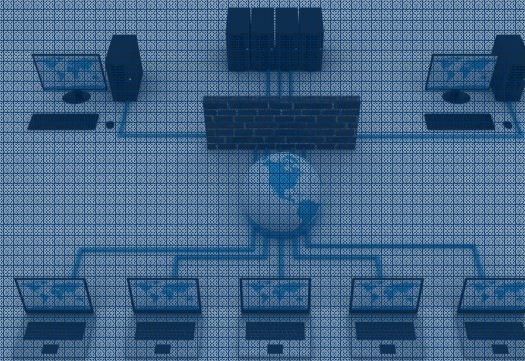
through:

- ✓ www.cipmalta.com
- ✓ regular email-shots
- ✓ one-to-one meetings
- ✓ focused groups
- ✓ information session, seminars, conferences

Competitiveness and Innovation Programme (2007 – 2013)



**Entrepreneurship
and Innovation
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**Intelligent
Energy
Europe
(IEE)**

EU support programme promoting increased energy efficiency and the use of renewable energy sources by overcoming non-technological barriers (legal, financial, institutional, cultural and social barriers)

Objective: secure, competitive and sustainable energy in Europe

IEE-1: from 2003 to 2006 with a budget of €250m and max. co-financing of 50%

IEE-2: from 2007 to 2013 with a budget of €730m and max. co-financing of 75%

→ 2008 Call for proposals has a budget of €47m

→ 2009 Call for proposals opened on 31 March: budget of €65m, deadline for applications 25 June

What will be funded in 2009 by the IEE programme?

- **Promotion & Dissemination Projects** – *under the current Call for Proposals*

Enabling Policies: 20% by 2020

Market transformation

Changing behaviour

Access to capital

Training

particularly relevant to pioneers and multipliers!

- **Market Replication Projects** – *in cooperation with EIB*
- **Studies, communications campaigns, databases, etc.** – *under Call for tenders*

IEE does not fund:

- **Research & Development projects**
- **demonstration projects**
- **hardware & infrastructure investments**

From Research to the Market



Intelligent Energy  Europe

RESEARCH:
Technology (“hardware”) development,
pilots, demonstration

MARKET:
Mass production and use,
promotion, framework conditions

→ Promote / catalyse “innovation”

What does a project need to be eligible for IEE funding?

- ✓ Clear objectives, high impact, European added value
- ✓ Minimum 3 partner organisations from 3 different eligible countries
- ✓ Maximum funding period 3 years
- ✓ Budget usually € 0.5 - 2.5 million (mainly staff costs)

Applying for IEE funding is a **highly competitive process**, average IEE project has **10 project partners** and € 1 million budget

Project proposals must be of a **high professional quality** to have reasonable chance of being selected for funding

IEE projects database: <http://ec.europa.eu/intelligentenergy>

What are eligible costs under IEE?

- ✓ **staff costs**
- ✓ **travel & subsistence costs**
- ✓ **subcontracting where necessary**
- ✓ **small equipment in exceptional cases**
- ✓ **other specific costs (e.g. promotional material)**
- ✓ **flat rate of 60% on staff cost to cover indirect costs (overheads)**

- **Eligible costs are defined as actually incurred, identifiable, reasonable and necessary to the action (receipts!)**

- **Co-funding: 75% of eligible costs**
- **No basic research or hardware costs accepted**

Examples of “other costs” co-funded so far:

- Campaigns: video, radio, poster, leaflets, etc. (development and dissemination, also large scale)
- Events: within the Mobility Week, local stakeholder meetings, consultancies to SMEs, etc.
- Development of software (e.g. ecodriving simulator)
- Purchase of software (e.g. travel planner, car pooling)
- Small devices such as bike counters
- Training of staff, mobility audits, etc.

Please note that these costs are context specific!

2009 Fields of action

SAVE: *Energy Efficiency*

- Energy-efficient buildings
- Energy-efficient products

ALTENER: *Renewable Energy Sources*

- Electricity from renewable energy sources
- Renewable heating/cooling
- Small-scale renewable energy applications in buildings
- Biofuels

STEER: *Clean and Energy Efficient Transport*

- Alternative fuels and clean and energy-efficient vehicles
- Energy-efficient transport
- Capacity-building in transport for local and regional agencies

Integrated Initiatives

- European networking for local action
- Sustainable energy communities
- Bio-business
- Energy services
- Intelligent energy education

Energy-efficient products

- Market transformation actions with **high impact**
- Energy-efficient **heating appliances**
- Removal of **financial barriers**
- **Training** of sales persons, installers and maintenance staff
- Networking among **verification authorities**
- Actions addressing:
 - eco-design / labelling topics not covered by tenders
 - soft measures recommended by eco-design preparatory studies

Energy-efficient buildings

- **Large-scale education and professional training schemes** in all MS to ready the market **for implementation of the EPBD** and beyond: agreements with universities, associations of installers, chambers of commerce, etc. for training institutionalisation
- Targeted, high impact actions related mainly to **existing residential buildings**:
 - Cross-country comparisons - **best communication practices identification**
 - **Incentive schemes** to implement energy performance certificate recomm.
 - Wide market penetration of integrated design – **professional practice radical shift**
 - **Supply-chain analysis** for the take-up of energy-friendly buildings and technologies
 - Assessment of cost/benefit & quality aspects of **energy-savings measures**
- **Collection of market feedback on the use of the CEN standards on building energy performance to give support to their utilization**

Small-scale renewable energy in buildings

- Analyse, benchmark, and implement **planning and regulatory policies** to promote renewable energy systems in buildings
- **Implement obligations** for minimum levels of RE in buildings
- Help SME's and other market actors to promote **certified renewable energy systems for buildings** (priority: solar cooling, biomass heating)
- Institutionalised **training and certification** of renewable energy system installers (biomass, solar, PV, and geothermal heat pumps) in buildings

Renewable electricity

- Analyse, benchmark, promote, implement **policies & regulations**
- Reduce **non-technological barriers** to offshore power
- Analyse, monitor, streamline and ease **application procedures**
- **Encourage switching** to cleaner electricity supplies
- Institutionalise vocational **training and certification** schemes for installers, operation & maintenance teams

Renewable heating & cooling

- Analyse, benchmark, implement **policies**, legislation, standards, **certification & support schemes**, **market trajectories & impacts**
- Promote the **use RE in district heating and cooling (DHC)** and in cogeneration, **improve procedures, market transparency and planning**
- Provide information, success stories, best practices and advice in district heating/cooling systems to **encourage switching** to
- **Strengthen entrepreneurship in SMEs** serving DHC, institutionalise training and certification for suppliers and installers
- Institutionalise and certify **training** for planners, architects, and authorizing officers for large scale RE heating & cooling systems

Energy-efficient transport

- Promote **less car-dependent lifestyles**
- Increase the quality and attractiveness of **collective transport** and promote its use
- Promote **safe walking and safe cycling**
- Coordination, management, information & motivation of fleet operators, retailers and other stakeholders to increase the **energy efficiency of fleet operations and driving**
- Support concepts to promote **energy-efficient driving**
- Promote **transport demand management** initiatives
- Support **learning & exchanges** between practitioners, employees of regulating and administrative bodies or experts

Capacity-building in transport for existing local & regional agencies

- Training, capacity-building and staff exchanges, building on existing learning material, promote networking through **face-to-face** training and seek to overcome language barriers
- Encourage close **cooperation** between **energy and transport experts** within or between agencies
- Work towards long-term structural **integration of transport issues into energy-related policies**
- Take action to encourage existing local and regional **agencies to offer services related to energy efficiency** in transport and to **alternative fuels and clean vehicles**

Alternative fuels, clean & energy-efficient vehicles

- Promote and facilitate joint procurement of clean and energy-efficient vehicles (e.g. buses, rental cars, business car fleets, vehicles used for public services) and/or of alternative fuels
- Conduct awareness-raising campaigns for
 - stakeholders involved in distribution, marketing and sales of clean and energy-efficient vehicles (may include training for sales and maintenance staff)
 - for customers regarding the availability of alternative fuels and the appropriate infrastructure

Biofuels

- **Monitor impact** on security of supply, food prices, environment, land-use
- Actions to **implement EU policies** on biofuels and biogas
- **Encourage market** players to increase competitiveness, sustainability
- Improve **market transparency** (e.g. labelling)
- Facilitate and promote **well informed public debate**

Energy services

- **Monitoring and evaluation of energy efficiency progress**, also of National Energy Efficiency Action Plans
- **Exchanges of best practice** between public-sector bodies on energy-efficient public procurement
- **Improve market conditions** for energy service companies (**ESCOs**) (e.g. by removing legal barriers in national legislation)
- **Sustainable** schemes for **energy audits and management**
- Analyse, benchmark best practices on **smart metering** and **informative billing**
- Identify, analyse and exchange information on best practices **on financial mechanisms for promoting energy efficiency**, including fiscal measures

European networking for local action

- **Large scale, synchronized promotional activities** aimed at **changing consumer behaviour** on EE and RE
 - mobilising local stakeholders across EU
 - strong EU media impact
- **Joint activities** of experienced energy agencies working with national, regional or local authorities **to trigger investments in sustainable energy projects with help of structural funds**

Sustainable energy communities

- Actions assisting communities to be or become a member of the **Covenant of Mayors**
 - addressing energy demand and supply
 - playing an exemplary role
 - encouraging new communities to follow suit
- Promotion by **regional / national associations** of public authorities



Bio-business

- Support integrated bioenergy **planning** at regional level
- Promote reliable & efficient **supply chains / markets** for solid biomass
- Promote bioenergy **standards**, sustainability, **labelling** of solid biofuels
- Stimulate **investment** in sustainable, integrated bioenergy production
- **Train and inform** public sector decision makers, planners and investors

Intelligent energy education

Higher education of **teachers**:

- Institutionalise **training and awareness raising** among teachers
- **Exchange experiences** between different countries institutions

Interested to apply? Then, next steps:

- Subscribe to our **news** alerts
- Read carefully the **call and work programme documents**
- Do not duplicate but build on existing projects and materials: check the **IEE projects database**
- Carry out a **pre-check of proposal** idea to make sure your project is principally eligible for IEE funding
- Find **project partners**
- Do not hesitate to contact the **CIP National Contact Point** if you need additional information
- Submit your application before the **25th June 2009 17:00 CET** using the online submission tool

Market Replication Projects

General Objective:

accelerate the market uptake and replication of proven sustainable energy technologies and processes within EU, through a number of pilot cases, by:

- encouraging and helping project promoters to identify and prepare **bankable projects**
- improving **access to** equity and credit markets, maximising **investment** leverage from available budgetary resources
- **reducing transaction costs**, notably by bundling small investments into more economic packages/portfolios

Priority for action in 2009:

Project development services for EE and RE projects in municipalities and regions

Initial focus on:

1. Public buildings, including social housing, and municipal infrastructures, to support increased energy performance

- Implementation of local/regional EE and RE investment plans

2. District heating and cooling, emphasis on combined heat and power systems

- Support for project identification and development
- Development of a local or regional financing facility for decentralised CHP systems (building or neighbourhood level)
- Support for development of projects focused on innovative expansion of district heating grids towards district cooling

3. Public transport and integrated mobility

- CleanBus Framework Financial Facility (e.g. hybrid buses promo)
- Innovative solutions to optimise urban logistics

4. Horizontal and supporting activities

Target groups: Cities, municipalities and **regions** committed to achieving and **going beyond the objectives of the EU sustainable energy policy**, particularly in the framework of the Covenant of Mayors initiative.

How does it work?

- Based on Sustainable Energy Action Plans, EIB identifies “**bankable**” investment programmes for its support
- EIB pre-appraises projects of cities (or groups of) that have **concrete and sufficiently large investment programmes** to implement the objectives of the EU sustainable energy policy
- From 2010 onwards, project development services will be further developed according to market testing and response, and appropriate **financial instruments** will be prepared in their support.

Thank you!



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Anamaria Pantea
Manager

CIP Malta National Contact Point

Malta Investment Management Co. Ltd.
Enterprise Centre
San Gwann Industrial Estate
San Gwann SGN 3000, Malta

T: (+356) 21 497 970

E: info@cipmalta.com

W: www.cipmalta.com