



The Intelligent Energy – Europe Programme: Call for Proposals 2012

IT'S YOUR CALL

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The Executive Agency for Competitiveness and Innovation

Created by the European Commission to manage the following EU programmes under Commission control and responsibility:



 CIP

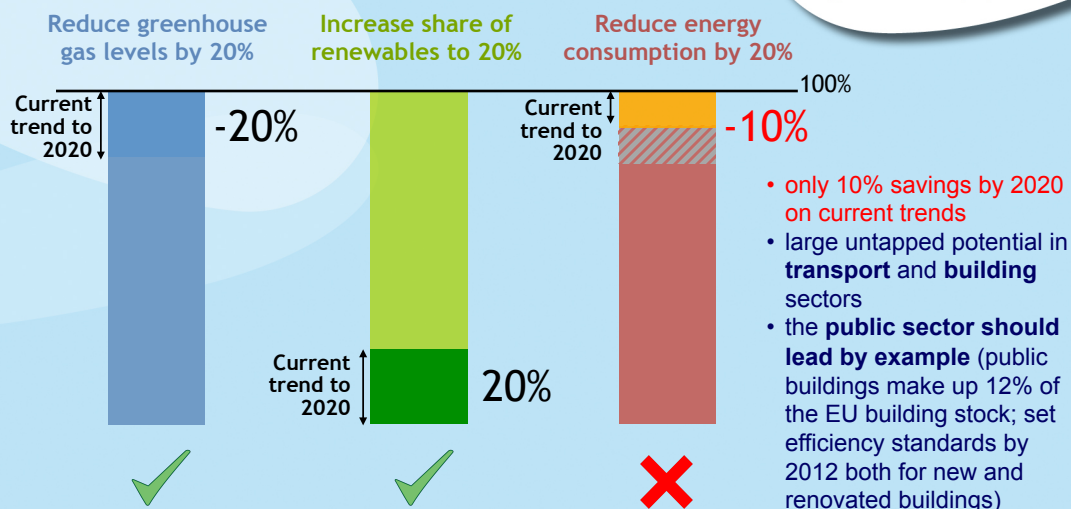


NB: As an Executive Agency, we are not involved in policy making.

<http://ec.europa.eu/eaci>

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Meeting our “20-20-20 by 2020” goals



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Main Legal and Policy tools (1)



Renewables

> Directive for the **Promotion of Renewable Energy Sources** (Dir. 2009/28/CE):

- > Mandatory national targets
- > National action plans (NREAPs)
- > Cooperation mechanisms
- > Administrative procedures
- > Grid access for renewables
- > Sustainability criteria for biofuels

> NREAPs:

- ✓ Over half of the Member States plan to exceed their own targets by 2020
- ✓ Two Member States plan to use “imports” in the form of statistical transfers from Member States with surpluses or third countries to reach their target
- ✓ If all these production forecasts are fulfilled, **the EU will reach 20,34% RES share in its final energy consumption in 2020**

NREAPs are all published at the transparency platform of the European Commission:
http://ec.europa.eu/energy/renewables/transparency_platform/action_plan_en.htm

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Main Legal and Policy tools (2)



Energy Efficiency

- > Recast of the **Energy Performance of Buildings** Directive (Dir. 2010/31/EU)
- > **Energy End-use Efficiency and Energy Services** Directive (Dir. 2006/32/EC); **Energy Efficiency** Directive 2012 (Commission proposal)
- > **Eco-design** (Dir. 2009/125/EC) Implementing Measures; Recast of **Energy Labelling** Directive (Directive 2010/30/EU)
- > **Energy Efficiency Plan** (2011)

Energy in Transport

- > **Clean Vehicles** Directive (Dir. 2009/33/EC)
- > **White Paper (2011)** “Roadmap to a Single European Transport Area - Towards a competitive and resource efficient transport system”

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Energy Roadmap 2050



An exploration of possible futures for the EU energy system; neither a forecast nor a prescription

Conclusions – supported by all decarbonisation scenarios:

- > *Energy efficiency gains throughout system are essential*
- > *Growing reliance on electricity*
- > *Renewable energy*
 - *at least 55% of gross final energy consumption in 2050,*
 - *at least 60% of electricity generation*
- > *All decarbonisation options can contribute: EE, RES, nuclear, CCS, gas*

http://ec.europa.eu/energy/energy2020/roadmap/index_en.htm

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Intelligent Energy Europe in a nutshell



IT'S YOUR CALL



> To reduce energy use and increase the share of renewable energies by:

- > Creating favourable market conditions
- > Shaping policy development and implementation
- > Preparing the ground for investments
- > Building capacities and skills
- > Informing stakeholders and fostering commitment

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**Over 500 IEE-supported projects across Europe,
more than 3,000 participants from 30 countries.**

Energy efficiency



Renewable energy sources



Integrated initiatives



Energy-efficient transport



IEE Projects database: http://ec.europa.eu/energy/intelligent/projects/index_en.htm

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Urban Biogas

<http://www.urbanbiogas.eu>

05/2011-04/2014



Objective:

- Biogas production from organic urban waste in 5 cities:
Zagreb (Croatia) Rzeszów (Poland)
Graz (Austria) Valmiera (Latvia)
Abrantes (Portugal)

Expected outcomes:

- 5 concepts on urban waste management, biogas and biomethane production and use
- 5 business agreements for Waste to Biogas projects

Biogas production from organic urban waste in 5 cities: expected to trigger 17M € investment and 90.000t CO2 eq. savings

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URBAN BIOGAS
www.urbanbiogas.eu

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PVs in BLOOM

<http://www.pvsinbloom.eu>

10/2008-09/2011



Objective:

- > Promoting the installation of small and medium scale ground PV plants for re-qualifying marginal areas.

Main outcomes:

- > Engagement of at least 40 committed local authorities;
- > Guidelines and strategic documents to streamline administrative procedures, trigger investment, etc.);
- > Facilitating cooperation between public & private sector
- > 20 MWp will be initiated in the target regions

PV plants to re-qualify marginal areas: at least 20 MWp triggered thanks to the project

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pvs in bloom

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Buy Smart

<http://www.buy-smart.info> 05/2009-10/2011




> Main results:

- > analysis of the state-of-the-art in green procurement on European and national level
- > 33 labels described on the project website
- > good practices database with 141 green procurement examples
- > 460 consultations, 168 in-house consultations and 70 trainings performed
- > 37 pilot projects supported
- > 127 presentations of the project in national events
- > 35 national newsletters sent out
- > 220 media coverings



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Quest

<http://www.quest-project.eu> 04/2011-1/2014




QUEST – Quality management tool for Urban Energy efficient Sustainable Transport

- > Audit method for sustainable urban mobility policies.
- > Certification of quality level of mobility policies in 50 cities in 17 EU-countries.
- > 50 cities engage in improvement programme (= QUEST action plans).
- > 50 cities exchange experiences through 10 workshops on urban transport topics
- > 11 QUEST auditors for implementing of the QUEST tool.

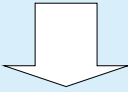
Improved Sustainable Mobility Policies in 50 cities

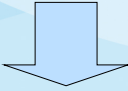


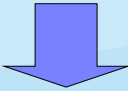
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IEE Call for Proposals: how does it work?




- 

> In response to the annual call, you can propose a project and apply for funding
- 

> The EACI evaluates all proposals with the help of independent experts
- 

> The best proposals are selected and invited to prepare and sign a grant agreement
- 

> The project team carries out the project according to the agreed work plan
- 

> The EACI monitors and supports the project, and helps spread its results

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Indicative budget breakdown Work Programme 2012



- > **€ 72 million**
to support “promotion and dissemination projects”
(generally up to 75% of the eligible project costs)
- > **€ 19 million**
to purchase services (tenders) and support activities
not subject to calls (e.g. standards)
- > **€ 39 million**
“ELENA” facilities for project development services
via banks (EIB, KfW, CEB and EBRD)

Main deadline
8 May 2012

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«Promotion and dissemination project»?

A project which...

- matches the priorities of the IEE yearly Work Programme
- involves at least 3 partners from different countries
 - in 2012 - exception for “Build Up Skills” and “Mobilising local energy investments - PDA”
- takes 2 to maximum 3 years to deliver
- is not a “hardware” type investment or research & development project!
- EU Funding: 75% of eligible costs



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Funding areas 2012



Energy efficiency
(SAVE ~ 15 million €)



Energy use in transport (STEER ~ 12.5 million €)



Renewable energy sources (ALTENER ~ 12 million €)





Integrated initiatives (INTEGRATED ~ 32.5 million €)




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Funding areas 2012







Energy efficiency (SAVE)



Energy use in transport (STEER)



Renewable energy sources (ALTENER)




Integrated initiatives

1. Industrial excellence in energy
2. Consumer behaviour
3. Energy services


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Industrial excellence in energy



Actions aimed at:

- > **Small and medium size industries** in specific sectors
 - > providing them with tailored information/training
 - > and/or developing appropriate incentives



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Consumer behaviour



Actions aimed at:

- > **market surveillance** and networking among competent authorities and testing labs
- > innovative solutions stimulating **behavioural change** amongst specific consumer groups

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Energy services




Actions aimed at:


- > boosting the energy services market by increasing its **transparency**
- > making energy services accessible to **small end-consumers**
- > empowering households to ensure the success of **smart meters and informative billing**

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Funding areas 2012




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Energy efficiency (SAVE)



Energy use in transport (STEER)



Renewable energy sources (ALTENER)




Integrated initiatives

1. Energy-efficient transport

2. Clean and EE vehicles

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Energy-efficient transport




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Actions aimed at:


supporting the take up of **Sustainable Urban Mobility Plans**



or replicating **proven approaches** for significant energy-efficient **modal shift**



or major transport **interchanges** and urban freight **terminals**



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Clean & energy-efficient vehicles



Actions aimed at:

- > promoting policies and projects fostering the take up of **non-conventionally** fuelled vehicles in **urban areas**



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Funding areas 2012



Energy efficiency (SAVE)



Energy use in transport (STEER)



Renewable energy sources (ALTENER)



Integrated initiatives

1. Renewable electricity

2. Bio-energy

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Renewable electricity



Actions aimed at:

- > **grid issues:** policies, regulations, incentive schemes for integration of large volumes of RES-e, and best practices for small scale distributed RES generators
- > **speeding up and streamlining permitting** procedures and enhancing **public acceptance** (grids & generators)
- > **strategic initiatives:** analyses, planning, monitoring market frameworks (eg: more effective support schemes and market mechanisms avoiding excessive costs, integrated strategies for offshore wind)

["all RES" strategic initiatives eligible under this Key Action]



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Bio-energy





Actions aimed at:

- > **Strategic initiatives:** bio-energy strategies for 2020 and beyond (sustainability, land use change, etc)
- > **Solid biomass:** increase supplies from sustainably managed forests, agricultural residues and wastes
- > **Biogas:** production from wastes (for CHP, grid injection, and/or transport fuel)




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Funding areas 2012


Energy efficiency (SAVE)



Energy use in transport (STEER)



Renewable energy sources (ALTENER)



Integrated initiatives

1. Energy efficient public spending
2. Local energy leadership
3. Mobilising local energy investments
4. EE and RES in buildings
- (5. *Build Up Skills*)

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Energy-efficient public spending




Actions aimed at:

- > supporting and building capacity to help **public procurers** at national and local level apply **green public procurement** criteria for energy-related products (incl. vehicles)

involving authorities responsible for procurement (e.g. central purchasing organisations) and developing **high-leverage schemes**

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Local energy leadership



Actions aimed at:

- > Good practice models for **multi-level governance** (foster collaboration between local, regional and national public authorities)
- > Capacity building for national and/or regional **town planning associations**

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Mobilising local energy investments (MLEI)



- **Project development assistance for public authorities** on energy efficiency and/or renewable energy projects identified in SEAPs or equivalent (**MLEI – PDA**)
 - Applicants may be from 1 MS; Co-ordinator a public body
 - Minimum investment EUR 6 million; leverage factor: >15
 - Evidence of launch of investment after max 36 months
 - Priority - high organisational innovation & replication potential
 - Specific criteria, guide for proposers and application forms
- **Replication of successful innovative financing solutions** implemented by public authorities (**MLEI – Replication**)
 - Concrete replication is expected
 - Document the processes, adapt and transfer them to other regions / sectors

For project development assistance for bigger investment (>50M€), check the ELENA facility: http://www.eib.org/products/technical_assistance/elena/

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WANTED: projects with a big impact!



- > What is it that you want to achieve?
- > What leverage will your project have?
- > What will be different when it is finished?

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THANK YOU
for your attention

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