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Energy Neighbourhoods2 - The Energy Challenge

EN2

EN2 was the successor of the IEE project Energy Neighborhood and built on the idea of an energy saving bet between cities and citizens. Cities challenged their citizens in two consecutive years to save at least 9% energy in 4 months compared to the previous year. The approach combined a competition on local, national and EU level with measures, such as training for households and municipalities, consumption monitoring and local climate campaigns. Throughout the process, knowledge was provided to all participating households and information events were organised. Participating households were supported by specially trained "Energy Masters", volunteers from the neighborhood that motivated, supervised monitoring and provided material, such as 'DIY energy audits'. Local authorities were supported by the partners to implement the project. The project's main results were reduced energy consumption in private households and raised awareness for energy efficient products and climate protection policies. The initiative will be continued in several of the partner countries and further developed.

Results

- Consumer information and involvement leading to changed consumer behaviour: The project was designed to raise awareness and inform various groups of individual consumers on energy saving best practice, energy efficient behaviour and products.
- Measurable reduced energy consumption and CO₂ savings: 830 energy neighbourhoods representing 8626 households with 22420 households members participated in the campaign. On average, energy savings of 8.94% and 12.94% were achieved in the 1st and 2nd campaign year. Compared to the previous years, the neighbourhoods saved 5735 MWh and 2425t CO₂.
- Wide dissemination and implementation: A comprehensive communication strategy ensured that participants themselves became multipliers of the project idea when being interviewed and presented in local media channels, by presenting their activities through a blog and by using social media applications. All together, 850 articles, radio and tv clips could be placed and 134 presentations were given.

Lesson learned

- The concept of EN2 is working in all countries and has been perceived as highly transferable. Nevertheless cultural differences between the countries shouldn't be underestimated. In order to meet the expectations of all participants it is important to ensure that the rules are clear and transparent, while the data and results are consistent and carefully checked.
- The saving results are an important factor of the project, but changing behaviour in a sustainable way is also an important project goal. It is therefore necessary to provide tailor-made energy saving tips and to accompany and support the participants throughout the competition. After having

established certain behavioural patterns throughout the campaign, it has been experienced that the participants establish energy efficient behaviour as a routine in their lives on the long term as well.

- A positive spin-off effect came with the implementation of CO2-challenges, conversations and exchange of experiences between the EN2 participants. Various further ambitions, such as travelling by electric cars to EN2 events, providing a CO2-friendly catering or organising a seasonal cooking class allows fun, demonstration, chat and wider thinking.

Partners and coordinator

B.&S.U. Beratungs- und Service Gesellschaft Umwelt mbH [1]	Germany
Grazer Energieagentur Ges.m.b.H. [2]	Austria
Bond Beter Leefmilieu Vlaanderen vzw [3]	Belgium
Energy Agency of Plovdiv [4]	Bulgaria
Centre for Renewable Energy Sources [5]	Greece
Tipperary Energy Agency Ltd. [6]	Ireland
Ecuba S.R.L. [7]	Italy
Ekodoma [8]	Latvia
Krajowa Agencja Poszanowania Energii S.A. [9]	Poland
Building and Civil Engineering Institute ZRMK [10]	Slovenia
Energy Agency for Southeast Sweden [11]	Sweden
Severn Wye Energy Agency Limited [12]	United Kingdom
PRIORITERRE [13]	France
Energy Agency of La Ribera [14]	Spain
B&S.U Beratungs-und Service Geseelschaft Umwelt mbH [15]	Germany
Alba Local Energy Agency [16]	Romania
GreenDependent Sustainable Solutions Association [17]	Hungary

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Budget

Overall budget: 2.124.286,00 € (EU contribution: 75,00 %)

Key documents

- [EN2 Final Brochure](#) [18]
PDF 2.37 MB 
- [Presentation of EN2](#) [19]
PDF 2.21 MB 
- [Synthesis report on key achievements](#) [20]
PDF 956.05 KB 

In brief

Sector: Consumer behaviour

Duration: 27/04/2011 to 27/10/2013

Contract number: IEE/10/213

Website: <http://www.energyneighbourhoods.eu>

Tags:

household

energy consumption

Related projects

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- [\[ACHIEVE\]](#) [22] ACtions in low income Households to Improve energy efficiency through...
- [\[EC-LINC\]](#) [23] Energy Check for Low Income Households

- [[FIESTA](#) [24]] Family Intelligent Energy Saving Targeted Action
- [[EURO-TOPTEN-MAX](#) [25]] Maximising Topten Communication on Top Runner Products
- [[REACH](#) [26]] Reduce Energy use And Change Habits
- [[SPIRIT](#) [27]] SPIRIT - Energising Faith Communities
- [[SAVES](#) [28]] Students Achieving Valuable Energy Savings
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