



Highland Council (GB)





Highland Council (GB)

Highland Council Area

- Covers 26, 500 sq km
- 1/3rd Scotland's landmass
- 10 x larger than Luxembourg
- 8 persons per sq km (Scotland = 22)
- Largest Local Authority in Scotland
- Headquarters in Inverness but split into 3 Operational Areas
- Large travel distances




PHILIPS

ISOVER

DEXIA
Crédit Local

eco Driver.



Intelligent Energy  Europe



Initiatives in Schools



Bridgend School



Holm School





Communication

Ambassadors to champion council's commitment to becoming greener



Each Service of The Highland Council has elected Green Ambassadors in a move to raise awareness of important environmental issues, champion steps to cut down on energy usage and to promote the Reduce, Reuse, Recycle message to all staff.

The Highland Council was one of the first of Scotland's 31 Local Authorities to sign Scotland's Climate Change Declaration in 2007 and then reaffirmed its commitment to delivering greener and more efficient services in the Highlands by re-signing the Declaration in May 2008.

At the launch of the Green Ambassadors initiative the Council's new slogan "Green Aware? Show you Care!" was unveiled and the newly appointed Ambassadors had the opportunity to meet up to learn more about schemes to cut the amount of carbon produced, such as sustainable transport options, and to take part in workshops on topics including how to calculate emissions from journeys and the use of video and tele-conferencing.

Councillors have given their backing to the campaign and during the launch Councillor Ian Ross presented Janice Gell from the Social Work Service with a prize for coming up with the slogan "Green Aware? Show you Care!". Runner up prizes were also given to Colin Rose, Housing and Property Services for his slogan "Energy Abuse. No Excuses" and to Catherine Striven, Education, Culture and Sport for her slogan "Going greener keeps Highland cleaner".

Signing up to tackle climate change



The Highland Council is joining forces with Local Authorities across Scotland to support Scotland's Climate Change Declaration, which will be signed today (Wednesday 17th January, 2007) by Councillor Alison Midge and Chief Executive Arthur McCourt.

Scotland's Local Authorities are at the forefront of this significant new commitment to mitigate against and adapt to climate change. In tandem with this work by Rose Frame, Minister for the Environment, each Council will produce and publicly declare a plan to achieve a significant reduction in greenhouse gas emissions from their own operations, assess the risks and opportunities for services and communities of predicted climate change impacts, and take action to adapt accordingly.

Awareness and acceptance of the impact of global climate change is steadily increasing in the political, media and public arenas. Recent research shows important climate changes up ahead for Scotland. There is a growing trend of warmer, wetter, and drier winters, and warmer, drier summers combined with an increase in the frequency of extreme weather events. Evidence of climate change in the UK includes a doubling in the number of winter storms over the past 50 years and the occurrence, since 1990, of the ten warmest years since records began.

By signing Scotland's Climate Change Declaration the Council is leading by example in helping to ensure greener, more efficient delivery of public services in the Highlands. This is demonstrated by pupils from Rosshall Primary School in Lairg, who will witness the signing ceremony before making a presentation to the Council's Sustainable Development Select Committee on a Biodiversity Game they helped to develop with the Highland One World Group. Biodiversity is about the biological diversity of the variety of plants and animals in the world. The wooden board game, known as "The Eagle Kingdom" is an educational interactive tool that highlights the importance of biodiversity, what it means to the Highlands and its potential global impact.

Scotland's Climate Change Declaration complements the Council's existing commitments to tackling climate change. In 2006 the Council adopted ambitious plans to limit CO₂ emissions in Council buildings, which have, street lighting and landfill sites, in collaboration with the Carbon Trust, a Government backed company helping business and the public sector move towards a low carbon economy. All fossil fuels (including

Balloch Energy Champions aim for Green Flag Eco School Status



Pupils at Balloch Primary School, Inverness are leading the way in the combat against climate change. Members of the eco-school committee wrote to The Highland Council, for advice on how they could save energy at the school.

Following discussions with the pupils, the Council's Housing & Property Service inspected the school and organised the installation of solar water heating panels. The panels will help the school to save energy and a reduce carbon emissions by 684kg each year.

Steve Barron, Director of Housing & Property, has warmly welcomed the school's interest in energy saving.

He said: "This is the type of support and encouragement that the Council welcomes. Energy efficiency and carbon emissions have an effect on everyone and I explained the effort of the children and congratulate them on taking responsibility for their environment."

The school is working towards achieving its first Eco-school 'Green Flag', which it hopes to get by the end of this session.

Head Teacher Christine Scott said: "Energy awareness has been a big part of our Eco Schools work along with ongoing improvements to the school grounds, litter control,

Council take the lead in promoting Greener Public Services



The Highland Council has reaffirmed its commitment to delivering greener and more efficient public services in the Highlands by re-signing Scotland's Climate Change Declaration.

This consolidates existing commitments to reducing greenhouse gas emissions and introducing climate change mitigation and adaptation measures in new and existing strategies, plans and proposals. For example, 170 schools are registered with the Eco-schools Awards Scheme, a recycling rate of 30% is being achieved, an additional £1.662 million is being spent on further recycling services, including an expansion of kerbside recycling service to rural households and the 2006-7 Energy Management Performance Plan achieved nearly 16% reductions in energy use and associated CO₂ emissions.

Councillor Sandy Park said: "Climate change is one of the toughest new challenges facing local government and Scotland's Climate Change Declaration is a powerful demonstration of how Councils can work together to make a significant difference. It is vital that the Council is in the front line in responding to the impacts of climate change in the Highlands, which includes the central commitment we have already made to reduce greenhouse gas emissions. This reinforces the Highlands' reputation as a green, clean and secure place for communities and visitors alike."

The Council is developing a Highland Climate Change Strategy, recognising the immediate need to develop climate change adaptation measures based on an assessment of risks and opportunities for services and communities. Adaptation measures include maintenance regimes and infrastructure upgrades to protect against extreme weather events and flood prevention and control.

Councillor Drew Hendry, Chairman of the Climate Change Working Group, said: "Our support demonstrates an ambition and commitment to tackling climate change and delivering real change. As one of the biggest employers in the Highlands, we will lead by example in reducing greenhouse gas emissions and promoting measures that mitigate the impacts of climate change."

Positive response to Green Travel Plan Survey



The Highland Council is working with HITRANS, the strategic transport authority for the Highlands and Islands, to prepare a green travel plan for the Highlands with the aim of rationalising car use, reducing CO₂ emissions and transport costs throughout its services.

The plan is being shaped by the results of a survey at key Council offices to provide information and feedback on existing travel issues and patterns. A 75% response rate was achieved.

A green travel plan will enable the Council to reduce its carbon emissions and contribute towards the production and implementation of a Climate Change Strategy for Highland. To date the Council has reduced emissions in Council Buildings by 10% since 2004/05 through efficient energy management. The anticipated reduction in CO₂ emissions from a working travel plan will assist the Council to meet its expected overall target of 5% reduction in emissions from staff travel by 2010.

Councillor Drew Hendry, Chairman of the Planning Environment and Development Committee, said: "It is great to see this initiative being so well received. It is vitally important that we all take an active role in encouraging energy efficiency and green travel and we are showing that we can set an example for others to follow. We will work hard to keep the issues at the top of our agenda."

A prize draw took place to encourage as many staff as possible to complete the survey, with the owners of Abstract Restaurant in Inverness donating prizes. The winners were, Claire Mackenzie, a clerical assistant, Planning and Development Service, Inverness and James Bain, acting head of business support, Social Work, Inverness, who were presented with their prizes by Councillor Hendry during last week's Energy Saving Week.

Barry Larsen, director of Abstract restaurant, said: "We were happy to support The Highland Council in carrying out this important research and I am very pleased to hear the survey attracted such a good response. We look forward to welcoming the prize-winners to Abstract."



Initiatives



Councilors inspected solar panels in Schools



Lviv City Council (UA)





Display® Campaign



Posters in entrance hall



Communication



Directors of public buildings discussed energy and water performance indicators with their staff



Molenbeek (BE)



Commune of
Bruxelles-
Capital Region

84.956 inhabitants

Superficie : 589 ha

+/- 100 public buildings

+/- 100 000 m² of
public buildings





PLAGE project



Plan Local d'Action pour la Gestion Energétique

- Hiring of a Responsible Energy
- Improve the know-how of the public buildings
- Identify potential energy saving
- Include the energy efficiency in the new renovation and construction
- Awareness of the occupants



Communication plan



- Step 1: Communication of energie goals and commitments of the commune
- Step 2: Communication from the performance of buildings
- Step 3: Improvement of Facilities Management
- Step 4: Awareness of the occupants



Display®



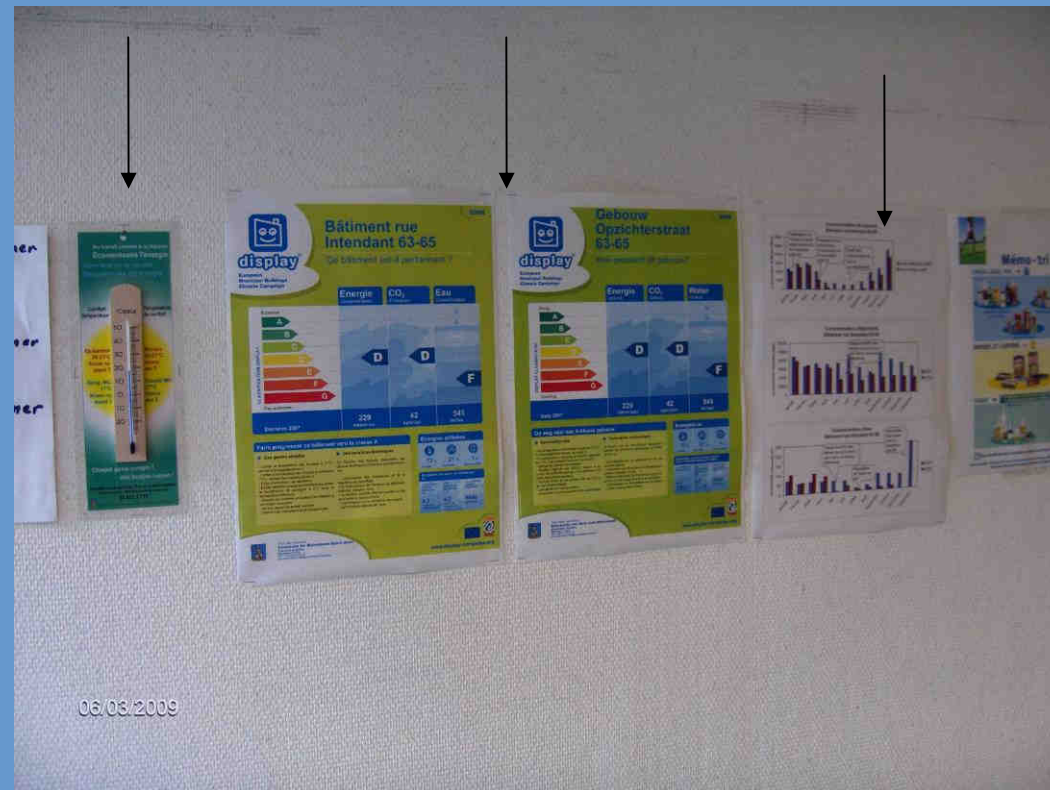
in Schools and Offices

Place in all locals of the building



Didactic thermometer Display poster

Evolution of the energy consumptions



Communication

Poster announcing the realization of energy work



La Commune de Molenbeek met de l'énergie dans l'environnement

UN ECLAIRAGE ECONOMIQUE DE LA SALLE DES PAS PERDUS

Depuis le 19 juin 2007, des ampoules économiques éclairent la salle des pas perdus. 200 ampoules à faible consommation électriques ont remplacé les ampoules classiques.

Le design des ampoules a également été pris en compte afin de respecter l'harmonie et le prestige de la salle des pas perdus.



➔ Les avantages se situent à différents niveaux:

- ➔ - Faible consommation (75% de consommation en moins)
- Préservation de l'environnement
- 20 000 kWh économisés, soit l'équivalent de la consommation électrique de 6 ménages
- Economies annuelles d'environ 3000 EUR
- Durée de vie des ampoules six fois plus longue, d'où moins de manutention et de travail pour le remplacement.

➔ Chez vous aussi préférez les ampoules économiques, c'est intéressant pour votre portefeuille et pour l'environnement.

Merci à toutes les personnes qui ont contribué à cette réalisation, en particulier, à l'équipe des électriciens !

Pour toute question, veuillez contacter:
Yasmine Hommani, chargée du label éco-dynamique au 923 (yhommani@molenbeek.irisnet.be) ou Nicodème Lonfils, responsable énergie au 894 (nlonfils@molenbeek.irisnet.be)



Communication

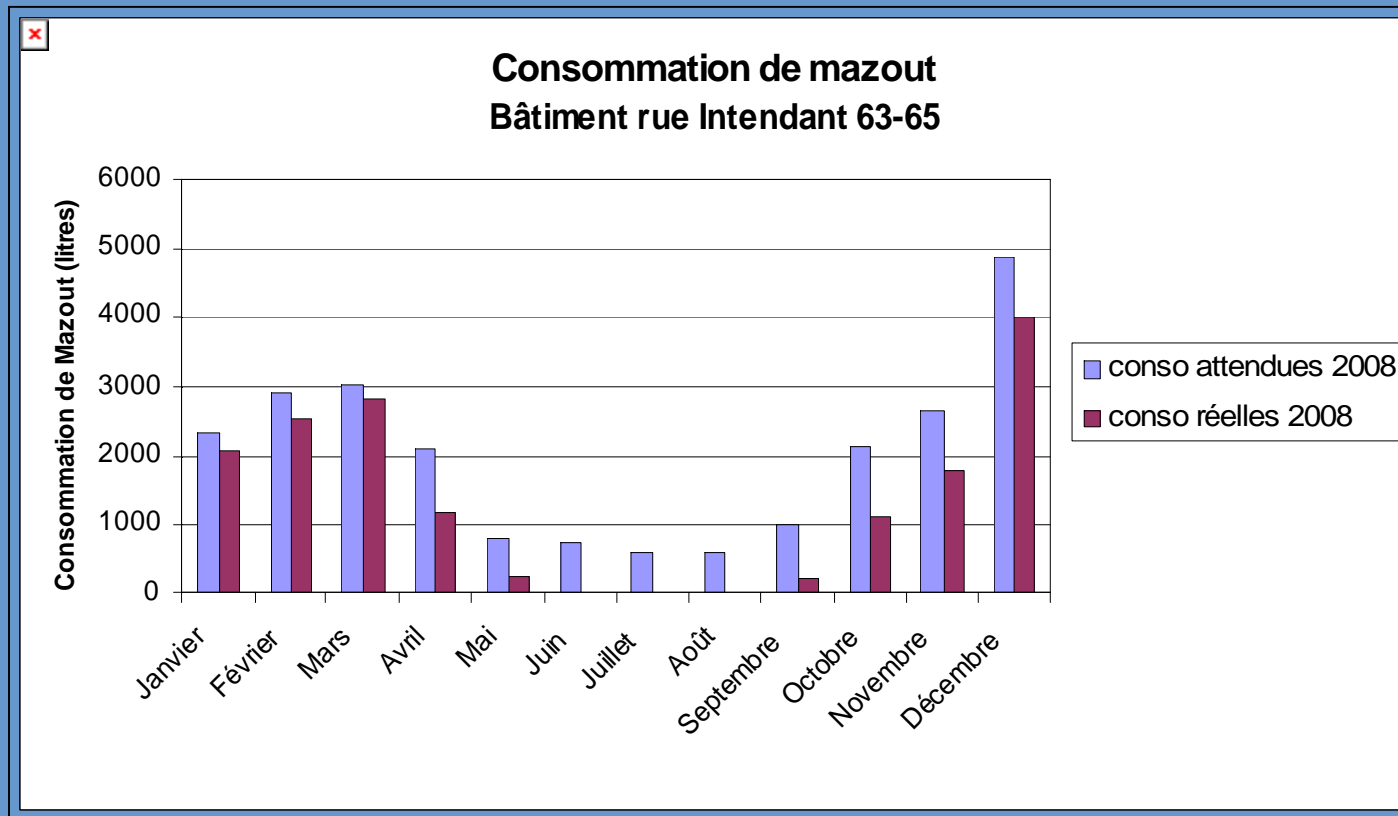


Video about energy deficiency of school 16 on *Bulle d'air à Télé-Bruxelles - GGG*



Initiatives

Poster showing the evolution of the energy consumption to the building occupants





Display® in Schools





Helsinki (FI)





Display® Campaign

Event with Deputy Mayor





Display® Campaign



**Display® label is printed
in every class room**



**Training of Eco Support persons
1 person per 100 employees**





Communication

**Communication during event
with Deputy Mayor**





Communication

Esimerkin voimalla

Energy Performance Certificate (EPC) example

The image shows a woman in a dark suit standing next to a large, wall-mounted Energy Performance Certificate (EPC) display. The display shows a color-coded energy efficiency scale from red (low) to green (high), with a green arrow indicating the building's performance level. The background is a blurred indoor setting.

The image shows two newspaper articles. The left article features a map of a city with a red dot indicating a location, and the right article features a photograph of a modern building's facade. Both articles include the Display logo and text in Finnish.

Mikä Display -energia- ja päästömerkki?

What is the Display energy and emissions label?

The image shows a woman in a dark suit holding a Display energy and emissions label. The label is a color-coded chart showing energy efficiency and emissions levels. The background is a blurred indoor setting.

Communication through City Websites and articles in newspapers



Ivanic-Grad (HR)





Display® Campaign



Poster's presentation by Mayor Boris Kovacic





Communication



Communication through City Websites, articles in newspapers and on local radio station



Display kampanja

Ivanič-Grad je prvi grad u Hrvatskoj koji je u sklopu europske Display® Campaigne (promoviranja energetske efikasnosti zgrada) izradio tzv. display postere koji, istaknuti na vidljivom mjestu, pokazuju trenutnu energetska slika zgrade, a ujedno služe i kao podsjetnik za racionalno korištenje energenata. Display predstavlja internet alat koji omogućuje procjenu energetske efikasnosti zgrade, a kao rezultat procjene nastaje poster po uzoru na europsku energetska oznaku za kućanske aparate. Tim Ivanič-Grada je u display kampanji izradio postere za 23 zgrade u vlasništvu Grada. Ivanič-Grad je članom međunarodne udruge "Energie Cités", koja promovira energetska učinkovitost, postao krajem prošle godine, a u proljeće ove uključio se i u display kampanju.



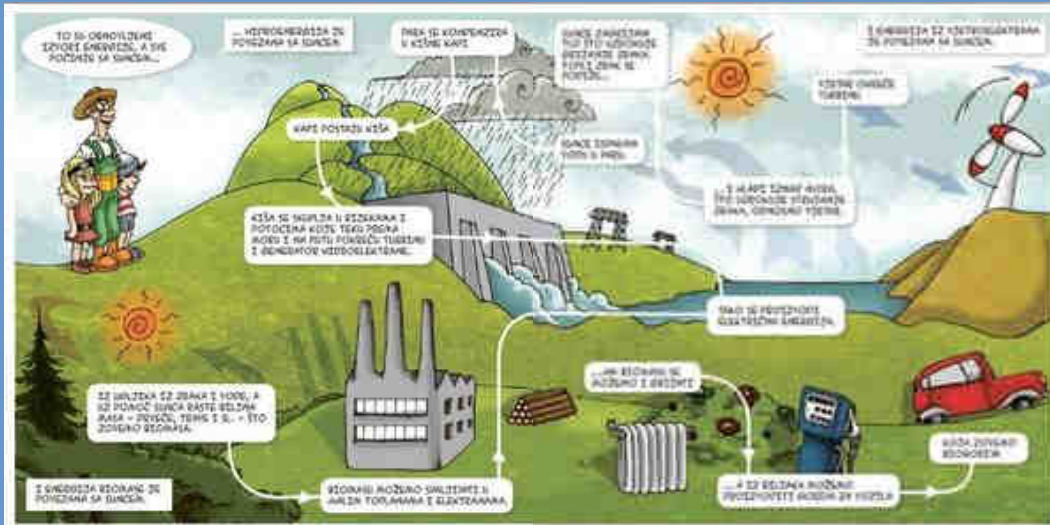
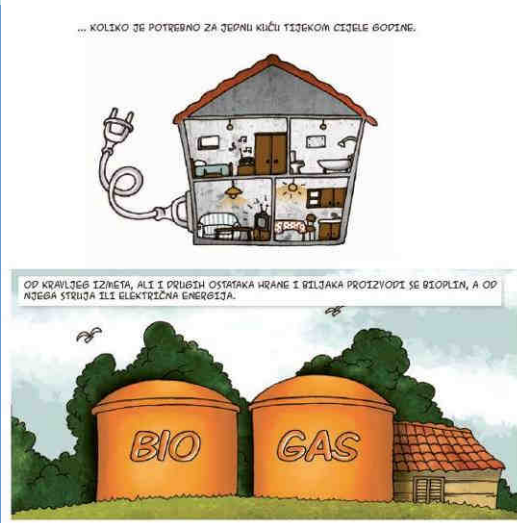


Initiatives

Renovation of Municipal Headquarters



Initiatives





Angers (FR)





Display® Campaign



Support poster next to Display Posters



Initiatives

Bilan Carbone™ d'Angers Loire Métropole



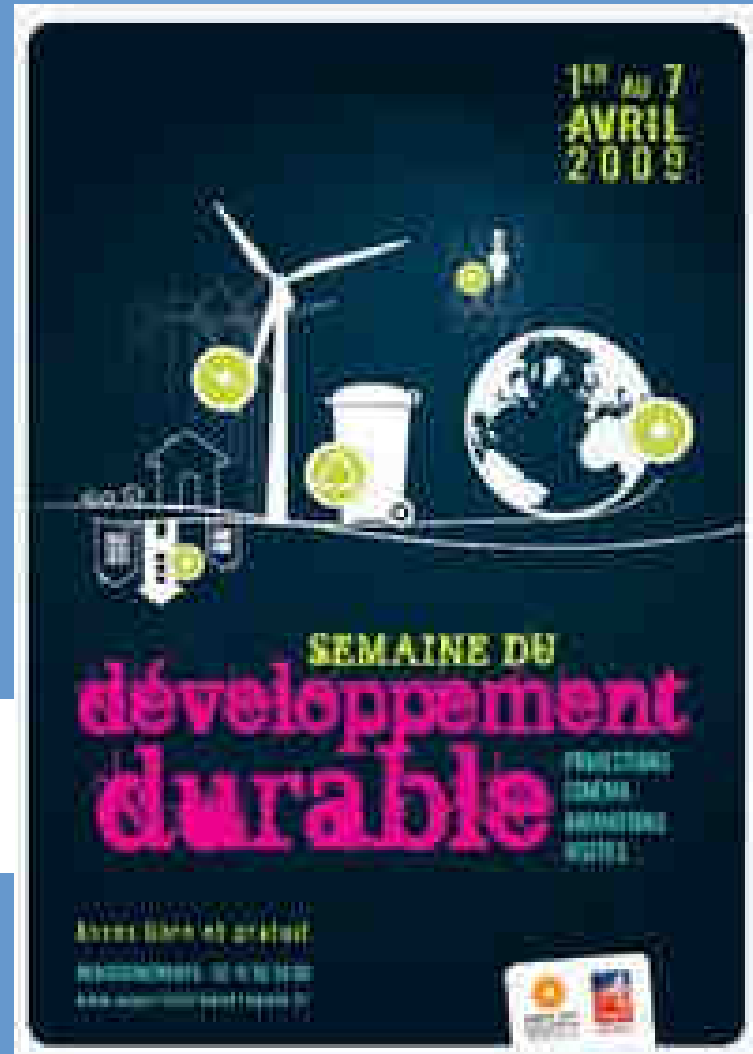


Initiatives

Expo Energy
2006



Next Sustainable
Development
Week 2009





Communication

display afficher nos consos d'énergie pour sensibiliser les utilisateurs

A

G

INFOS MAIRIE

Les bâtiments municipaux affichent leurs performances énergétiques

D

Plains gaz sur le bilan carbone®!

C

Articles in journal 'Contact' and in the monthly journal of Angers



Nyíregyháza (HU)





Display® in Schools





Display® in Schools



Celebration of the first Display Poster in 'Benczur' School



Local and National media were present. And experts as well



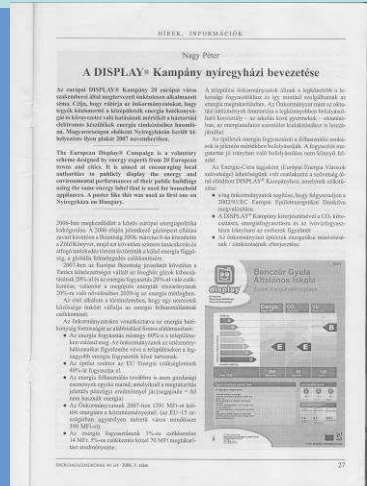
Communication



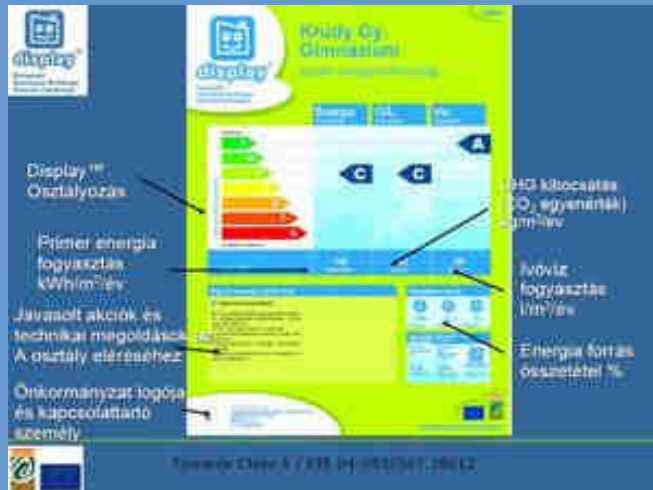
DUNA TV present the campaign in a 20 min programme



Articles in journal 'ENERGIAGAZDÁLKODÁS'



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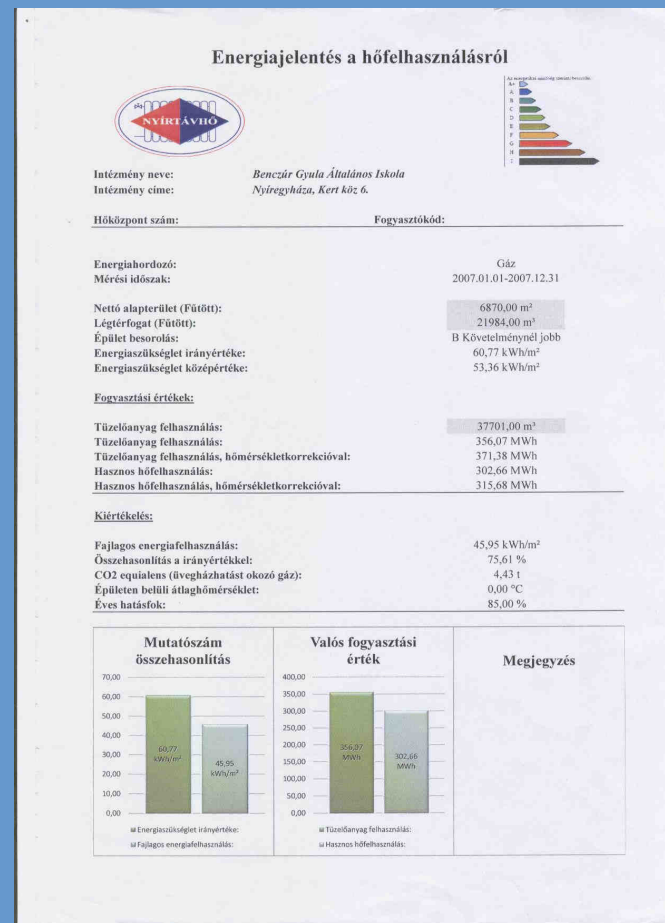
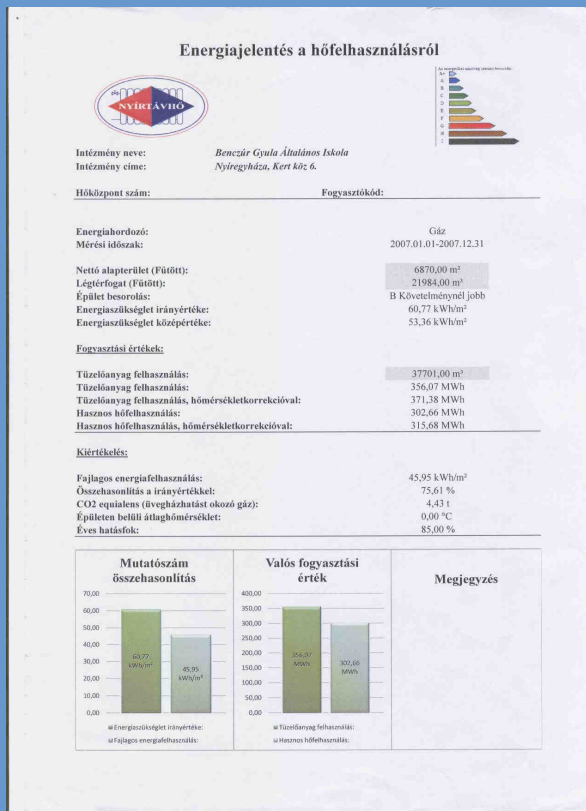
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Articles in journal 'ENERGIAGAZDÁLKODÁS'



Initiatives



Annual Energy Report of Schools



Pamplona (ES)





Display® in Schools

Mendillorri School



Ermitagaña School



Display® Campaign

THE LEADING CITY IN SPAIN

In 20 public buildings used for different purposes, located throughout the city



Library Yamaguchi



Measures have been taken to reduce water, electrical and fuel consumption.



Environmental Education Museum



New poster space with one recommendation each month.



Communication

Workshops with users of the buildings



Open days event





Initiatives in Schools

EDUCATIONAL UNIT “DISCOVER ENERGY AND SHARE IT!”



Promoting the rational use of energy, designed for primary and secondary school students

Energy Workshops in Schools



Taught to 1,800 students a year

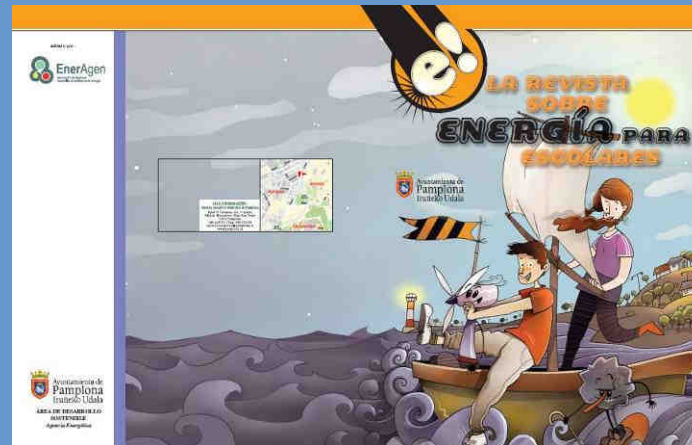
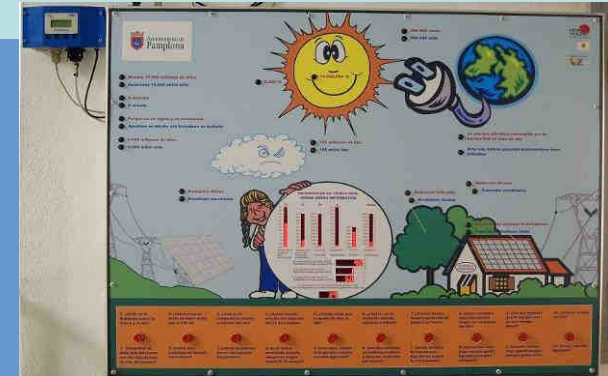


Initiatives

PHOTOVOLTAIC SCHOOLS GRID

PV installations in municipal schools, which include educational applications.

Today, 17 installations, for a total of 48.90 kW_p.



Promotional material: Various pamphlets, books, and stickers