



Irish Articles



power of one
energy efficiency for Ireland

Special Edition



The Power of One campaign promotes energy awareness and efficiency countless students, teachers and principals across Ireland expressed that they wanted to run their own Power of One programme in their school. Students were asked to research, design and implement a complete marketing campaign promoting energy awareness and energy efficiency. How can you improve energy efficiency? Read and follow the tips below!

Top Tips

Turn your heating down to a comfortable 20°C - lowering your thermostat by 1°C will knock 10% off your heating bill.

Use compact fluorescent lamps (CFLs) instead of traditional bulbs - they use 20% of the energy and last up to 15 times as long!

Switch off lights when you leave a room - energy is wasted lighting unoccupied rooms.

Walk or cycle instead of driving for short journeys - it costs nothing and is good for you

Don't overfill your kettle - only boil as much water as you need.

Unplug your phone charger - equipment on stand-by uses up to 20% of the energy it would use when fully on.

Avoid unnecessary electricity use between 5pm and 7pm - help reduce national CO₂ Emissions. **By Michael OShundaro,**

Water is Precious, Lets Preserve It!

As our country grows there is also a growing demand on our water supply. In order for us all to enjoy our precious reserves we need to be more aware of water conservation. We can reduce the amount we use and save money quite simply, by following these straightforward tips.

- ❖ Check for leaks in taps, pipes and dishwasher hoses. One leaking tap can waste more than
- ❖ 2,000 litres a month.
- ❖ Put the plug in the sink when washing your hands instead of holding them under running
- ❖ water.
- ❖ It's best to wait until you have a full load in your dishwasher before using it. This saves
- ❖ water and energy.
- ❖ Keep a container of water in the fridge
- ❖ Rinse dishes in a plugged sink rather than under a running tap saves water and is just as
- ❖ easy and effective.
- ❖ Operate clothes washers only when they are fully loaded.
- ❖ To rinse your razor, run a little water into a plugged sink .
- ❖ There's no need to leave the tap running while you brush your teeth. Simply wet your
- ❖ toothbrush before you begin and use a glass of water to rinse your mouth.

By David Simpson, St Aidan's CS Ireland



*Save water,
Save Money, Protect
your environment*



Irish Articles

Don't Bin Your Glass, Recycle!!!



Life of Glass



Glass recycling turns waste glass bottles and jars into a raw material that can be used to make new bottles saving energy, harmful emissions and the need for raw materials to be quarried. Glass is 100% recyclable and can be endlessly recycled with no loss in quality i.e. it can be recycled forever.

Why Recycle Glass ?

Glass recycling saves energy and is good for the environment. Glass recycling can save you money.

Glass that's sent to landfill doesn't decompose like other materials. So if you bury a bottle and come back in a million years it will still be there!

Sending glass to landfill is simply unsustainable and wasteful.

Up to 90% of new glass can be made from recycled glass.

Importance for the Future

Recycling one glass bottle saves enough energy to power a 100 watt light bulb

for an hour or a television for 15 minutes!

Recycling one tonne of glass saves over 300kgs of CO2 emissions.

Glass is one of the heaviest materials that goes into household or commercial waste bins, recycling it will reduce your waste bills, saving you money.

By Scott Maher, St. Aidan's CS, Ireland

Recycle Your Cans!!

Recycling aluminium uses only around five per cent of the energy and emissions needed to make it from the raw material bauxite, and as the metal can be recycled time and time again without loss of properties

How Are Cans Processed?

Shred the whole cans, removing any coloured coating.

Melt the shreds in a huge furnace

Pour the molten metal into ingot casts to set.

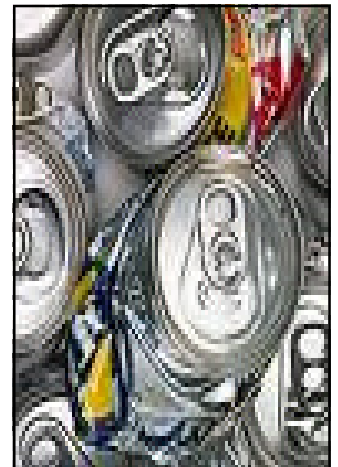
Each ingot can be made into around 1.5m cans.

Why Recycle Cans

Recycling aluminium drink cans saves up to 95% of the energy needed to make aluminium from its raw materials. Making one aluminium drink can from raw materials uses the same amount of energy that it takes to recycle 20.

The energy saved by recycling 1 aluminium drink can is enough to run a television for three hours.

By recycling cans energy can be saved and we can save money and protect our environment. **By Angelika Grzesiula. St. Aidan's CS. Ireland**



Save Energy, Save Money, Save

There are few things you can do to save energy in the home. Here are a few simple suggestions.

A well-insulated house will cost you up to €320 less to heat per year. By increasing the thickness of the insulation in your attic to 200mm, you can save on your heating bills and help

the environment by conserving energy.

Installing a Hot Water Cylinder lagging Jacket costs only about €10. But you could save you up to three times this amount in just one year!

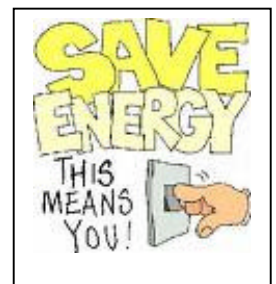
Ireland's Minister for the Environment, John Gormley, has stated compulsory use of CFLs will be phased in starting January 2009.

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An ordinary 100 watt light bulb uses 5 times more electricity than an energy saving bulb.

So as your old bulbs blow replace with CFL bulbs.

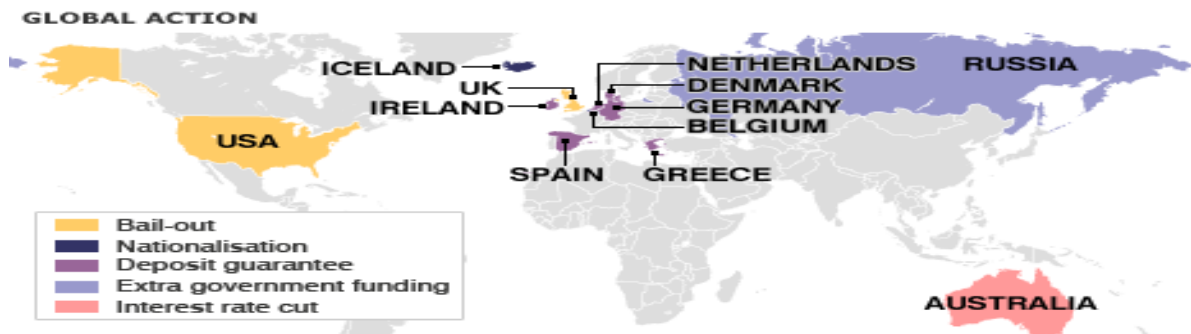
By Riliwan Kujore



Credit Crunch

A credit crunch is when banks lend loans to people, to people that can't pay back the loan back themselves which will make the banks ask for loans from other banks.

Economies around the world are affected by the credit crunch. Governments move to nationalise banks from Iceland to France. Central banks in the US, Canada and some parts of Europe take the unprecedented step of co-ordinating a half-point percent cut in interest rates in an effort to ease the crisis. Shares have risen and fallen with news of failures, takeovers and bail-outs. In part, this reflects investors' confidence in the banking system. While bank shares have been hammered because of bad debts, retailers have been hit as consumer confidence is shaken by falling house prices and job insecurity. Ireland has been hit badly by this. **By Cathy Ly**



Recession Ireland 2008:

Irish Prime Minister [Brian Cowen](#) said the economy may shrink by 10 percent in the three years through 2010 as the global financial crisis compounds the country's construction slump. The country is facing a "scale of decline that is without precedent here in Ireland and with few international parallels," Cowen said in the [parliament](#) in Dublin today. He said the economy could lose 100,000 jobs this year and next, or almost 5 percent of total payrolls. Ireland's economy, once the fastest growing in the euro area, is now facing soaring unemployment, declining tax revenue and a widening budget deficit that have spelled the end of the "Celtic Tiger" boom. The "rapid collapse" in the construction industry, the global financial crisis and the decline in Ireland's exports "have all impacted severely on the Irish economy," Cowen said. **By Dianne Malone**

The Celtic Tiger is declared dead today and while it may be like a feast and famine, all is far from lost but the illusion that the free lunch had been invented, has also crashed to earth. The forecast of a recession in 2008 by the Economic and Social Research Institute (ESRI), coming in the aftermath of the Lisbon Treaty rejection, is a deep psychological blow to Ireland Inc., on the world

Ireland's Economy

business stage. The confluence of an inevitable bursting of a housing property bubble with the international credit crisis and both the UK and US economies on the brink of recessions, together with rising inflation that will result in interest rate hikes, is the perfect storm. Recession: In economics, the term recession generally describes the reduction of a country's gross domestic product (GDP) for at least two quarters. The usual dictionary definition is "a period of reduced economic activity", a business cycle contraction. **By Pasha Kitata**

HERE IS A LIST OF COUNTRIES THAT ARE IN THE



RECESSION AT THE MOMENT.

Treaty of Lisbon Ireland is the only country that has voted NO in the Lisbon treaty.

Why did Ireland vote No ?

Ireland voted no in the Lisbon treaty because most of the voters didn't understand the referendum. The Lisbon treaty introduces a number of changes in the way the European Union works which will make it more effective and better able to deliver for its citizens. It was passed twenty-six out of twenty-seven countries only Ireland voted No. The reasons for this are, Ireland has a low corporate tax rate people were afraid that the Lisbon Treaty would make our tax rate higher. The No vote could be related to the fear of immigrants. During the boom years Ireland welcomed workers from foreign countries but now during the economic down-turn means that there is greater competition for jobs and more pressure on the wage rates in construction and services sectors, which may have prompted an anti-Europe vote in some quarters. People also voted no because they found that the language of the Treaty was very hard to understand.

The Irish Taoiseach (Prime Minister) Brian Cowen is a low level of support **because of the economic crisis people might punish him. He is on the yes side.** *By Kate Farrelly*



Rapping Into the Future

Irish music is probably the tradition which the country is best known for around the world. We asked a student to explain his approach to making his music for the future:

My name is Pasha Kitata. I'm interested in making music. I first started making music just a year ago when I was getting tired of recording with people. Then I searched the Internet for beat making programs and found one. I tried out the trial and it was alright, so I decided to buy it. Then I started making music and many other people started noticing my talent. Then I heard about a competition called the All Ireland talent show. I didn't reach the final but I didn't give up. Then when I was making some music one day my Dad told me that he thought I was really getting into my music now and he decided to build me a studio.

This is how I make my music: on mix craft. I mix music on my deck and change the song around and turn it into a new track and put it on Bebo or the net. It usually takes an hour or more if you know where you have to put the beats, but it's sometimes easy if all the beats have the same tempo. It's easy as soon as you practice a lot and the program you use is important because some programs don't need to be turned to mp3 and some do.

Music is my passion. I was rapping since I was only eight when my brother stopped rapping I started getting into it. My brother worked with his friend (ghost) recording and making music. *By Pasha Kitata*



Future of Our Traditions



Irish Writing in the Future. by Kate Farrelly

In the future I hope to be a writer. I decided to be a writer about a year ago because I loved reading. Some of my favourite authors include :

- Louise Rennison: *She is author of the best-selling The Confessions of Georgia Nicholson series for teenage girls.*
- Meg Cabot : *She is the author of "The Princess Diaries" and other books.*
- Cecelia Ahern : *She is an Irish author she has written books such as "Ps I love You" which was turned into a film and also her newest book "The Gift".*



If I was a writer I would write books for teens but that could change as I get older.

I first realized I was good at writing when I wrote a story in 6th class about a girl be lost on an island and falling in love with one of the natives but finding out she was trapped on the island with no way off until a helicopter found her. I used to get praised a lot saying I had a very over-active imagination.

I would write about my friends, my stupid mistakes, and my family. In the future I would like to publish a diary that my dad wrote while he was alive and in hospital it includes the time a nurse scalded his leg and his final days.

In a recent English test we were asked to write a story. I wrote a story called "Killer Heels" and have been working on it since. Look out for my name in the future, **Kate Farrelly.**

The Future of Communication

by Luke Keegan.



The future of talking is online through the internet.

Bebo is a good site for communication in this way. On this site you have a mail type texting where only you and the person you text can see it and also you can send a comment on your main page and in the comment you can send love which is a heart. The more loved you are results in videos on this page and you can put pictures up of you and other things. Bebo is a great way to connect and to chat to the opposite sex. You can make many friends.

EBUDDY

This is a way to communicate. It is a quicker way to text than bebo and you can also go on web cam and show yourself and video-talk to other people. This is another type of msn. Msn is the same as ebuddy but better because the main page is easier to read

DATING SYSTEM

This is a way to get in touch with the opposite sex. You can talk and get to know each other on these sites and on some sites you can go on a

Irish Transport Going Forward. *by Bianca Smith*



I think that the future of Irish transport will be more high tech and improved. In Ireland alone there were 1 million cars in 2002 and it's also gone up since then. Dublin has seen a huge transformation with the newly made luas line which was built only 5 years ago, as well as the Dublin Bus company and the Dart and Arrow trains.

But there is a big problem with the transport on our roads. The amount of cars and buses on the roads are taking its toll. There is big talk about an underground train in Dublin which will make life a lot easier for people. People commuting from the outskirts of Ireland spend half of their day going and coming from work in the centre of Dublin and we're hoping that this train will bring us

faster to our destination!

Many people are now living in Dublin for jobs and convenience. But that's a problem because more and more people are travelling on the main route ways causing traffic congestion. Ireland's trying to improve the roads and route ways to take the tremendous amount of vehicles. But it's quite hard to improve roads with a recent recession going on. But I'm hoping the best for the future of Ireland and its transport.

