



## ACR+Newline – May 21, 2012

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Welcome to the weekly Newline from the ACR+ Secretariat, a free service that is exclusive to our Members and a vehicle to provide news on matters relating to sustainable resource management. If you would like to add a colleague to receive this service, or if you have any items of interest you would like to contribute, send us an email at [info@acrplus.org](mailto:info@acrplus.org).

Vous trouverez ci-dessous la lettre d'information hebdomadaire du Secrétariat de l'ACR+, un service gratuit réservé à nos membres visant à partager des informations en matière de gestion durable des ressources. Veuillez noter que si vos collègues veulent également s'inscrire pour recevoir ce service ou si vous souhaitez contribuer à cette lettre, vous pouvez nous envoyer un courriel à [info@acrplus.org](mailto:info@acrplus.org).

Esta es la revista semanal de la secretaría de ACR+, un servicio gratuito exclusivo para los socios de ACR+ y medio que proporciona noticias relacionadas con la gestión sostenible de los residuos. Si desea incluir en este servicio a otro miembro de su organización, o si le gustaría contribuir con noticias, envíenos un correo electrónico a [info@acrplus.org](mailto:info@acrplus.org).

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- [01. Europe - Links between Economy, Environment and Sustainable Development Study, published by the European Commission](#) - Ongoing shift in Europe to resource imports: by 2030 two thirds of resource use will be either imports or use outside the EU



The purpose of the Mac Mod project by Cambridge Econometrics, GWS, SERI and the Wuppertal Institute was to strengthen the economic underpinning for resource policy. The final study of the project provides a matrix of risks for Europe's future use of different resources: the nature of the risks, timescales, examples and quantifications of risks.

The study notes an ongoing shift in Europe to resource imports: by 2030 two thirds of resource use will be either imports or use outside the EU. Marginal abatement cost curves are developed, showing that resource use can be reduced with benefits in terms of jobs and growth. The European Union, DG Environment, published the final report "Macroeconomic Modelling of Sustainable Development and the Links between the Economy and the Environment" together with an executive summary on its website under Strategic Economic Modelling and Foresight: <http://ec.europa.eu/environment/emeco/studies.htm>

Source - [www.ec.europa.eu](http://www.ec.europa.eu)

- [02. World - People and the planet report](#) - A report on how global population and consumption are linked, and the implications for a finite planet, by The Royal Society, Science Policy.



A report on how global population and consumption are linked, and the implications for a finite planet, by The Royal Society, Science Policy. Rapid and widespread changes in the world's human population, coupled with unprecedented levels of consumption present profound challenges to human health and wellbeing, and the natural environment. This report gives an overview of how global population and consumption are linked, and the implications for a finite planet.

Key recommendations:

- The most developed and the emerging economies must stabilise and then reduce material consumption levels through: dramatic improvements in resource use efficiency, including: reducing waste; investment in sustainable resources, technologies and infrastructures; and systematically decoupling economic activity from environmental impact.
- Population and the environment should not be considered as two separate issues. Demographic changes, and the influences on them, should be factored into economic and environmental debate and planning at international meetings, such as the Rio+20 Conference on Sustainable Development and subsequent meetings.

Other recommendations made in the report focus on:

- the potential for urbanisation to reduce material consumption
- removing barriers to achieve high-quality primary and secondary education for all
- undertaking more research into the interactions between consumption, demographic change and environmental impact

Source - [www.royalsociety.org](http://www.royalsociety.org)

- [03. UK - Shaking Up the Soft Drink Industry](#) - The UK government has launched a research programme in conjunction with waste advisory body WRAP and the soft drinks industry to help the sector reduce both costs and its environmental impact

The collaboration aims to identify and tackle the "hotspots" along the industry's value chain in order to help firms cut down waste, save money and reduce on the use of natural resources. Valued at around £14bn the soft drink industry is one of the UK's most successful, yet profits could be higher if manufacturers improve the efficiency with which they use resources.

For example, shortages of water not only hamper production, but also increase the price of fruit and other key ingredients, and plastic PET packaging.

Inefficiencies in the production process and the supply chain also generate additional waste, according to new research from WRAP. The study also found that households are wasting around half a billion litres of soft drinks each year while a large proportion of the associated packaging ends up in landfill.

By cutting waste all along the supply chain, businesses can save money and reduce their impact on the environment. From how products are made and packaged through to how they are transported and sold to consumers, there is a great and varied potential for improvement. Despite recent efforts and innovations to lighten plastic bottles, the most efficient way to reduce waste and minimise its carbon footprint is to simply ditch bottled water in favour of tap water.

Several good practices identified within the Pre-waste project include or focus on the promotion of tap water, such as an initiative in the Italian city of Fontemagna. Several cities in Europe have even developed brands on the basis of their tap water, like in Besançon, for instance.

Source - [www.businessgreen.com](http://www.businessgreen.com)

- [04. UK - Tips for managing your waste](#) - According to the Guide for businesses "Reduce Waste, Save Money", about 17.5 billion plastic bags are given by the supermarkets in the UK.



It represents 130.000 tonnes of plastic and it would be enough to cover an area of a city like London with a layer of bags. In order to reduce, it is as simple as asking customers if they need a bag. Another simple measure is to provide reusable glasses and mugs to the staff instead of disposable. Reuse is also a good way to limit waste.

As an example, the managers of the stores should encourage customers to bring their own shopping bag or reuse incoming packaging for deliveries.

Those are simple acts that reduce the amount of waste and at the same time the owner save money! Managers should definitely teach their customers at the checkout point.

In any case, it is always very useful to contact a waste contractor which will always be a great advisor. For sure they can make businesses save money very easily with simple and immediate small behaviour changes.

The Guide provides a list of 10 tips to save money:

- Talk to your waste contractor or your council about recycling collections
- Ask before giving customers bags, disposable cutlery, or paper serviettes
- Stock loose items where possible and avoid over-packaged products
- Purchase good quality durable equipment
- Ensure staff have reusable mugs and glasses, not disposable
- Use concentrated cleaning products in refillable containers
- Reuse incoming packaging and boxes for outgoing deliveries
- Use rechargeable batteries and refillable printer cartridges
- Reuse envelopes and convert scrap paper into note books
- Always print double-sided

The North London Waste Authority (NLWA), a member of ACR+, has elaborated a Guide for Businesses called « Reduce Waste, Save Money ». This guide gives some tips about good practices in order to change customers and businesses behaviour. In addition, it highlights the fact that the generation of waste have a cost. Therefore, by reducing the amount of waste, businesses will save money and at the same time they will take care of the environment. Recycling is often a cheaper option than sending waste to landfill.

For businesses, prevention is the best way to save money. The idea involves not producing waste in the first place rather than waiting until it is produced and then think how to deal with it. Businesses can also buy recycled products.

Moreover, it gives a competitive advantage: Customers are choosing to "buy green" in order to contribute to the conservation of the planet. Therefore, if the business certifies that it is involved in "green business actions", it will add a great value.

Employees do have to hesitate to talk about it to their customers. Actually, they should explain that they are taking steps to reduce waste and they need customers' help.

More information:

Report:

[Reduce Waste Save Money, a guide for businesses](#)



This is a positive development. Whether due to the recovering economy or for other reasons, consumers are stimulated to think about the proper disposal of waste and conscious of the impact today's actions have on the state of our planet. As our and other surveys show, Americans increasingly feel an obligation to recycle. This can only bode well for protecting our environment.

Source - [www.wasterecyclingnews.com](http://www.wasterecyclingnews.com)

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#### 12. Europe - European municipalities plot route to a zero waste future - *Throughout the world urban and rural communities alike have adopted Zero Waste as a goal and are already working to achieve it.*



Zero Waste programs are the fastest and most cost effective ways with which local governments can contribute to avoiding toxics releases from waste disposal practices, fight climate change, create green jobs and promote local sustainability. Waste is the expression of a badly designed economy and a Zero Waste approach is the only one that can bring sustainability to European waste practices.

**Engage the community** – Community education and participation is indispensable for the success of any Zero Waste plan. Citizens should be invited to take active participation in the design of the waste management system and to monitor and provide feedback on its implementation.

**Public education campaigns** to encourage public participation should be undertaken, and they need to be sustained over time.

**Change infrastructure** – The waste management infrastructure in Europe must be designed to phase out waste following the waste hierarchy:

1. **Waste Prevention** – should be implemented in local and sectoral plans. The Waste Framework Directive (WFD) gives the mandate to member states to define Waste Prevention Plans. Prevention targets prove to be necessary to trigger action at national level.

Industrial responsibility is key in creating green jobs and designing waste out of the system:

- By designing longlasting, easily maintainable and repairable products,
  - By reducing packaging and redesigning those products that cannot be safely composted, reused and recycled.
- Education and training of professionals, policy makers and citizens is vital to advance in the paradigm shift and in progressively phasing out waste.

2. **Separate Collection** – source separation of at least organics, recyclables, reusable products and components and residual waste should be the minimum separation allowed.

Currently examples in Europe show separate collection achieve recycling of 80 to 90% of the municipal waste.

Kerb-side collection is the most powerful tool to prevent any increase in waste and obtain clean separation of materials at source.

Price incentives should be promoted as a key driver of behavior. Excessive generation of waste should be penalised.

Kerb-side collection should be complemented with local reuse and recycling centres ("Civic Amenity Sites", "Recyclinghofe", "Décheteries", "Piattaforme ecologiche"... ) to let households and businesses deliver recyclables (and hazardous waste).

3. **Reduce Residual waste** – The 10-20% of waste not compostable, reusable or recyclable should be made very visible and work should be done at the front-end to design it out of the system with the help of Extended Producer Responsibility (EPR).

Source - [www.zerowasteurope.eu](http://www.zerowasteurope.eu)

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#### 13. France - **Matinée de présentation et d'échanges par le Conseil régional d'Île-de-France, membre ACR+** - *La prévention des déchets est une des priorités des politiques de développement durable, tant au niveau européen que national et régional.*

PRÉVENTION DES DÉCHETS ET GRANDE DISTRIBUTION

Jeudi, 7 juin 2012 à 9h00

Hémicycle – 57, rue de Babylone, Paris 7

La Région Île-de-France s'est engagée depuis 2010 aux côtés de l'ADEME, et a adopté le 24 juin 2011 son Plan de Réduction des Déchets en Île-de-France 2010-2014 (PREDIF) composé de 23 actions.

Dans le cadre de l'action 15 du PREDIF « la grande distribution, un acteur clef de l'éco-conception à l'éco-consommation », la Région s'est engagée à mobiliser les différents acteurs.

Nous vous proposons de faire un point d'étape sur cette démarche le 7 juin 2012. Il s'agit de présenter le travail issu des entretiens réalisés auprès des enseignes et fédérations, ainsi que la mise en œuvre de « sites pilotes ». Cette matinée sera aussi l'occasion d'échanger autour de retours d'expériences entre les porteurs de programmes locaux de prévention franciliens et les acteurs régionaux et locaux impliqués dans cette thématique.

Contacts : Région Île-de-France - Direction de l'Environnement - Service « prévention et gestion des déchets » / Tél : 01 53 85 56 38 - Email : [plansdechets@iledefrance.fr](mailto:plansdechets@iledefrance.fr)

Source - [www.iledefrance.fr](http://www.iledefrance.fr)

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#### 14. France - **Déchets franciliens : l'Ordif s'intéresse à la TEOM** - *Île De France Observatory is interested in specific tax for household waste*



La tarification incitative est une contribution au financement du service dont le montant exigé aux usagers est fonction de l'utilisation réelle du service.

Elle correspond à l'application du principe pollueur payeur appliqué à l'usager bénéficiaire du service public des déchets (principe du « je paie en fonction de ce que je jette », « pay as you throw »).

L'Ordif (Observatoire régional des déchets d'Île-de-France), membre de l'ACR+, s'intéresse à la TEOM (Taxe d'Enlèvement des Ordures Ménagères). La Loi de Finances de 2012 fixe un ensemble de règles pour l'institution éventuelle d'une « TEOM I » à compter de l'année 2013 :

- La possibilité d'introduire une part incitative assise « sur la quantité et éventuellement la nature des déchets produits, exprimée en volume, en poids ou en nombre d'enlèvements » ;
- Le principe d'une part fixe assise sur les mêmes bases que la TEOM « actuelle » ;
- La limitation de la part incitative qui doit être comprise entre 10 et 45% du produit total de la taxe ;
- La répartition de la part incitative au prorata de la valeur locative des locaux lorsqu'il n'est pas possible de mesurer la production de déchets de chacun d'entre eux (cas de l'habitat vertical) ;
- Un mode de calcul spécifique pour déterminer la part incitative des constructions nouvelles ;
- La possibilité d'instituer à titre transitoire une part incitative se basant sur le nombre de personnes par foyer.

Source - [www.ordif.com](http://www.ordif.com)

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#### 15. Spain - **Autogrill Iberia recicla 30.000 litros de aceite al año para producir biodiésel** - *The company Autogrill Iberia found that recycling 1 liter of oil prevents 1000 liters of water from being contaminated.*



Se calcula que por cada litro recuperado de este residuo se evita la contaminación de hasta mil litros de agua.

Los 67 restaurantes que Autogrill Iberia tiene en España reciclan 30.000 litros de aceite de cocina usado cada año, como parte de su programa Afuture de compromiso social y medioambiental que en el año 2007 puso en marcha la firma de restauración.

Gracias a esta iniciativa se evita la contaminación de hasta 30 millones de litros de agua, ya que se estima que cada litro de aceite que llega sin depurar a los acuíferos es capaz de contaminar hasta mil litros de agua.

El residuo recuperado en los establecimientos se entrega a la empresa Bionor, fabricante de biocarburantes homologados con gestores en toda España, que aproximadamente cada 30 días lo recoge para llevarlo a las plantas en las que se transformará en biodiésel.

El biodiésel es un combustible de automoción mucho menos contaminante que el carburante convencional. Generalmente se usa mezclado con el gasóleo normal para rebajar su carga contaminante. Con cada litro de aceite usado que se le entrega a las transformadoras, y tras varios procesos, se puede fabricar 0,9 litros de biodiésel.

Según explican desde Bionor, el aceite es uno de los residuos que más encarece la limpieza de las aguas residuales en las estaciones depuradoras de nuestros municipios y ciudades.

Octavio Llamas, director general de Autogrill, sabe que cada vez más, los consumidores valoran este tipo de acciones y por eso trabajan para que cada día la sostenibilidad forme parte de la filosofía empresarial.

Source - [www.infoambiental.es](http://www.infoambiental.es)

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