

EFCEM

European Federation of
Catering Equipment Manufacturers

Keith Warren C.F.S.P. Technical Committee Chairman



EFCEM

European Federation of
Catering Equipment Manufacturers

Contacts | Sitemap | Links |

HOME ABOUT BENEFITS OUR MEMBERS NEWS MEMBERS AREA

Strength, support, influence
and representation
for manufacturers



ABOUT
EFCEM



POSITION
PAPERS



MEMBERS
AREA

Featured News

Publication on Surface Hardening
New Euro Inox Brochure

10.10.2014

EFCEM General Assembly
The EFCEM General Assembly was held on 10th October 2014 in Brussels. The General Assembly was preceded by a dinner

02.01.2014

Ecodesign: MEErP - study reports on mat...
Outcomes of the study on the material-efficiency for the Ecodesign Methodology (MEErP)

05.11.2013

Euro Inox p
Download the



SYNEG - Syndicat National de l'Equipement des Grandes Cuisines

39-41, rue Louis Blanc, F - 92400, Courbevoie, Paris

France



HKI - Industrieverband Haus-, Heiz- und Küchentechnik

Lyoner Str. 9, 60528 Frankfurt a. M.

Germany



IFSA - Irish Foodservice Suppliers Alliance

Unit 4, Block A - Broomfield Business Park, Malahide, Co Dublin

Ireland



Confindustria CECEC Italia

Via Matteo Bandello, 5 - 20123 Milan

Italy



APIRAC

Rua do Alecrim, n° 53, 2° - 1200-014 Lisboa

Portugal



Branschforeningen For Storköksleverantörer(BFS)

PO BOX 5501, SE-114 85 Stockholm

Sweden



TUSID

Lamartin caddesi Gevrek Apt., No 9/3 Taksim, Istanbul

Turkey



CESA - Catering Equipment Suppliers Association

Westminster Tower, 3 Albert Embankment, London, SE1 7 SL

United Kingdom

Uniting the European Foodservice Equipment Industry

EFCEM
European Federation of
Catering Equipment Manufacturers

Juncker wins support for 'last-chance' Commission

[f Share](#) 87 [in Share](#) 37 [T](#)weet 56 [S](#)hare 18



Published: 22/10/2014 - 13:46 | Updated: 08/01/2015 - 15:45



Jean-Claude Juncker [Euranet Plus/Flickr]

President-elect Jean-Claude Juncker secured confirmation for his new Commission from MEPs today (22 October), winning over a grand coalition of Socialists and centre-right MEPs, using a combination of charm and a few last-minute tweaks to policy.

Parliament's largest three groups, the European People's Party (EPP), the Socialists & Democrats and the Alliance of Liberals and Democrats for Europe (ALDE) broadly voted, with 423 in favour, to support the proposed new 28-strong executive. 209 MEPs voted against, and 67 abstained, primarily, reports indicate, from the conservative ECR group.

"Either we win back the citizens of Europe; drastically reduce the level of unemployment and give young people a European perspective, or we fail."

The previous Commission's Ten "priority" sectors

1. Construction and renovation
2. **Food and catering**
3. Transport and transport services
4. Energy (including electricity, heating and cooling)
5. Office machinery and computers
6. Clothing, uniforms and other textiles
7. Paper and printing services
8. Furniture
9. Cleaning products and services
10. Equipment used in the health sector



Uniting the European Foodservice Equipment Industry

The Energy Roadmap 2050 as a basis for developing a long-term policy framework

Supported by scenario analyses

European Council

- EU objective for 2050 – GHG emissions down to 80-95% below 1990 levels
- Looks forward to elaboration of a low-carbon 2050 strategy – a framework for longer-term action in energy and related sectors

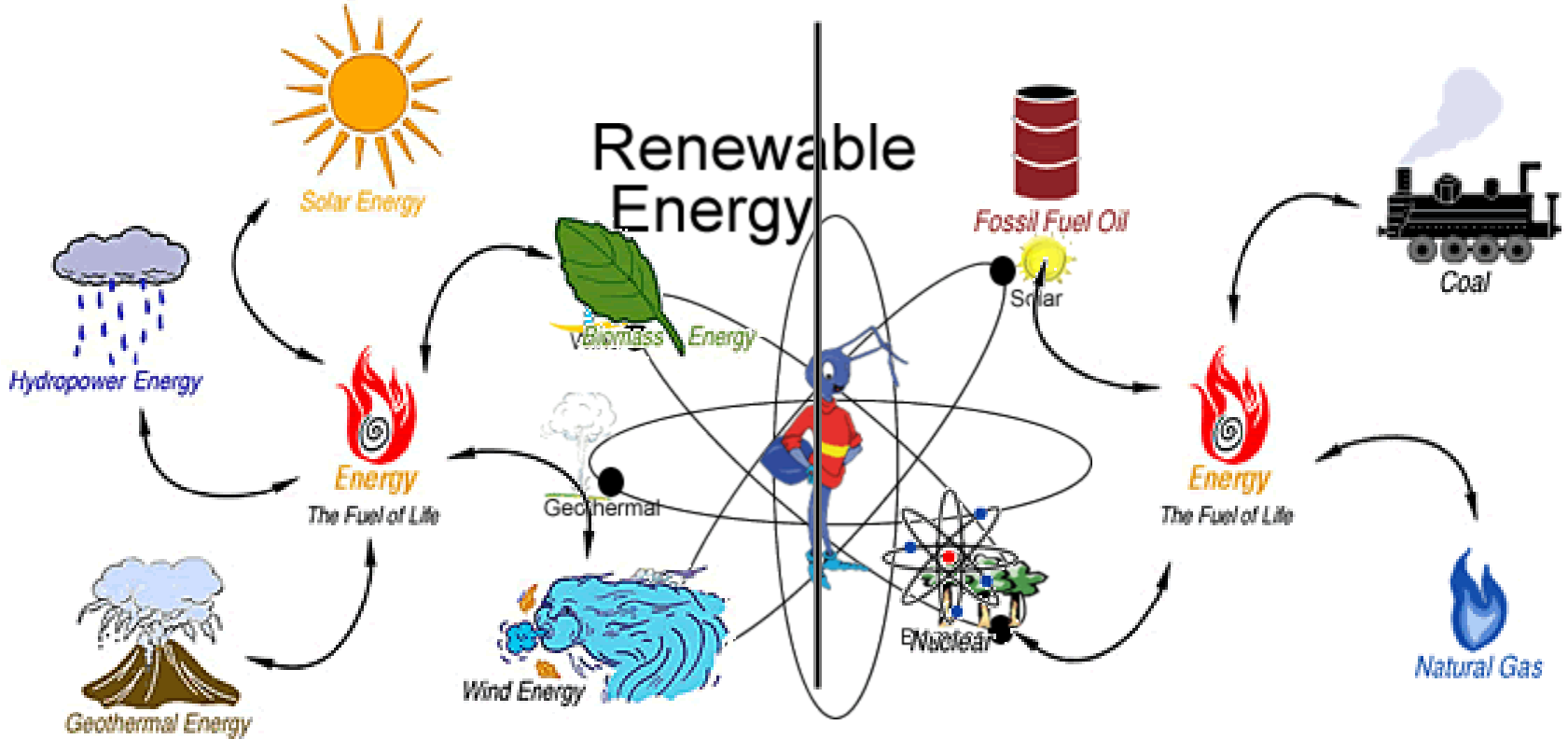
Aim of the Roadmap

- Give more certainty to governments and investors
- Explore routes towards a low-carbon energy system by 2050 which improve competitiveness and security of supply
- Basis for developing the 2030 policy framework and concrete milestones with MS, EP and stakeholders



Renewable Energy

Non-Renewable Energy



STOP PRESS

Three stage - Energy Union Package

- A framework Strategy for a resilient Energy Union with a forward looking Climate Change Policy.
- The Paris Protocol - A Blueprint for tackling Climate Change beyond 2020.
- Achieving the 10% interconnection target.

Business

- Lifelong earning
- Stakeholder focus
- Service earnings
- Long lived products
- Re skilling
- Lifecycle management
- Social valuation

Environment

- Population control
- Eco backlash
- 360° accounting
- Lifestyle peer pressure
- Resources cycle
- Home energy generation
- Resource budgets
- Personal carbon
- Cut to consume
- Carbon incentives
- Eco consumption
- Eco housing
- Hyper Urban
- Legal rights
- Pay to be viewed
- Business models
- Sense video
- Quality V quantity
- Privacy is personal
- Single digital identity
- Digital trespass

Politics

- Virtual politics
- Green Govts
- Policy as a process
- Dynamic accountability
- Localism
- e-vote
- Transparency
- Onshoring
- Acsr
- Individualization
- Digital democracy

Media

- Context
- Safe
- Inclusive of all
- New social norms
- New Rights / responsibilities
- New tensions and discriminations
- Conserve not consumer
- Politics of One
- bi directional support
- Digital legacy / inheritance
- Digital dropouts
- Bandwidth budgets
- Reward

Economy

- Service supremacy
- Resource retention
- Low Strategic exposure
- National IP wealth
- Inclusive
- New IP regimes
- Connected
- Network dependent
- Convergence
- Inter connected
- Self managing
- Layered security
- Hyper robust
- Multi comms
- Context aware
- Mist computing
- Quantum computing
- Access as a right
- Material light
- Efficiency maximized

Family

- Open
- ICT
- Back to basics
- Multi generational
- Single person households
- Personal social responsibility
- Extended financial families
- Rent not buy
- Home economics skills
- Unplugged people
- Middle class unrest
- Connected homes
- Frugal consumption

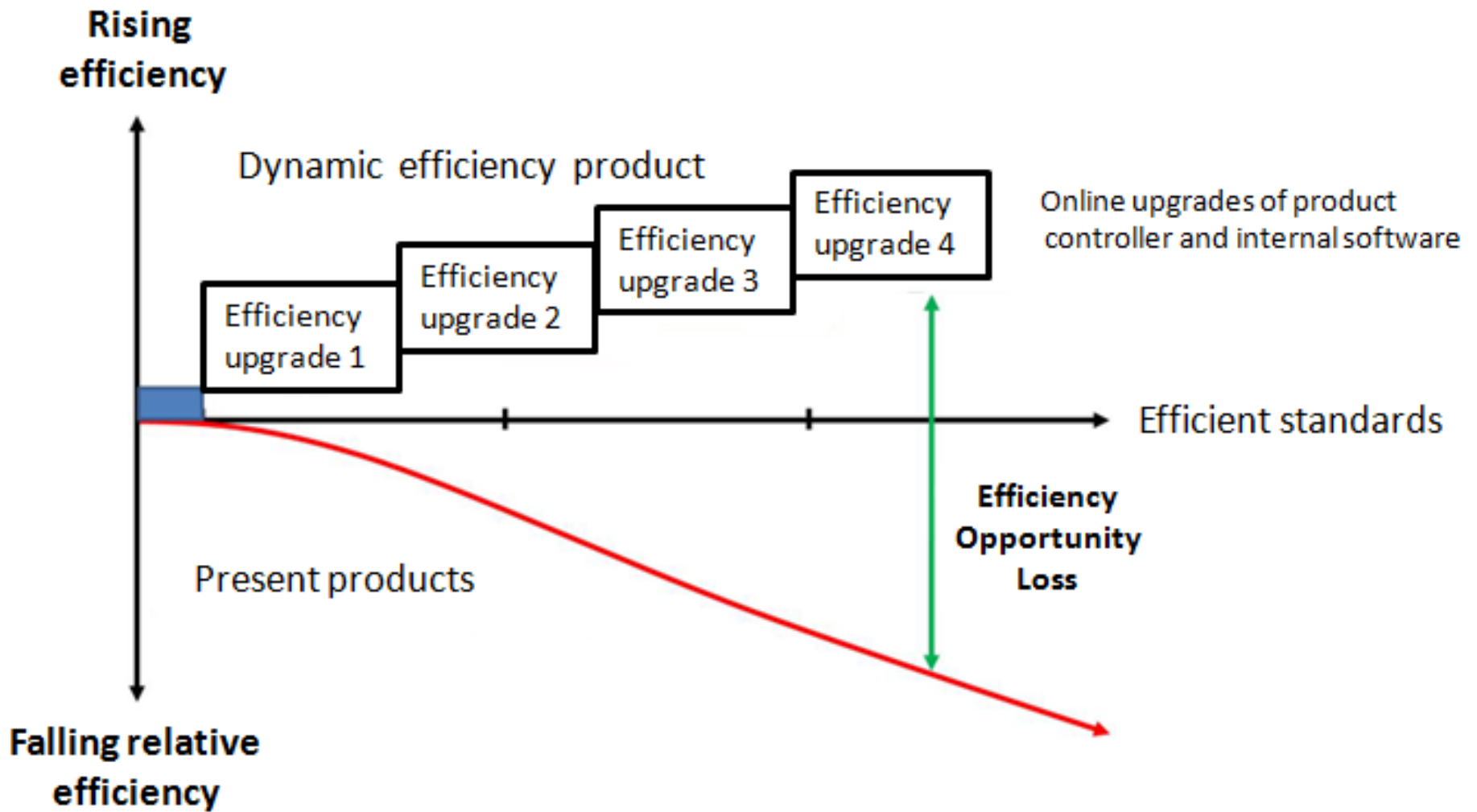
Technology

- Codified skills
- Reindustrialization
- Efficient
- Personal IP
- Local but Global
- Mind not Muscle
- Self Wealth
- Fast Change
- Internet of Things
- Data deluge
- Safe
- Inclusive of all
- New social norms
- New Rights / responsibilities
- New tensions and discriminations
- Conserve not consumer
- Politics of One
- bi directional support

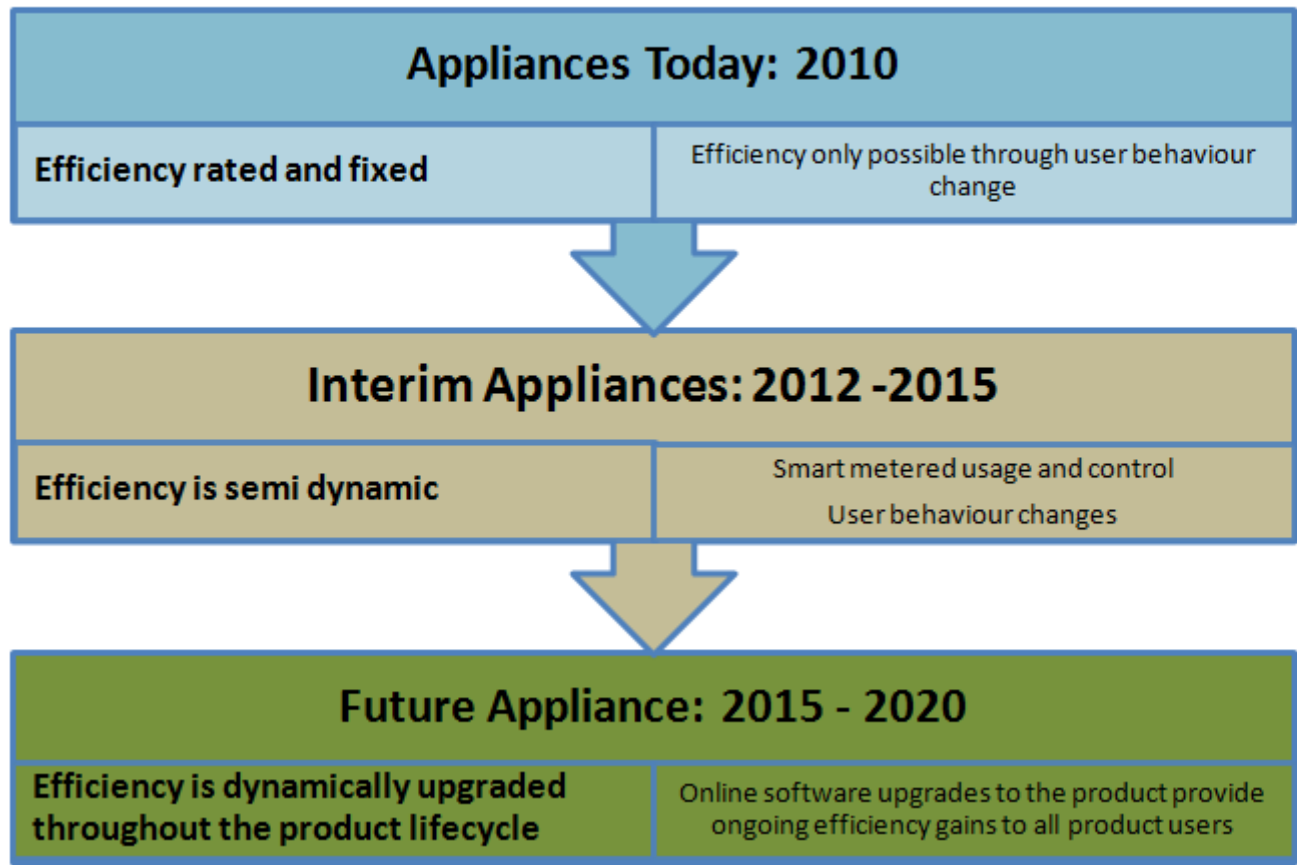
Central hub of interconnected concepts:

- Climate change
- Include
- Efficiency
- Internet of Things
- Fast Change
- Self Wealth
- Local but Global
- Mind not Muscle
- ICT





User Effort



Labelling – convergence?

- **EU A – G:** Required energy usage rating
- **Energy Star:** Voluntary third party label efficiency standard for electrical equipment
- **Carbon labelling:** Emerging labels “certifying” product level carbon foot printing

Green Public Procurement

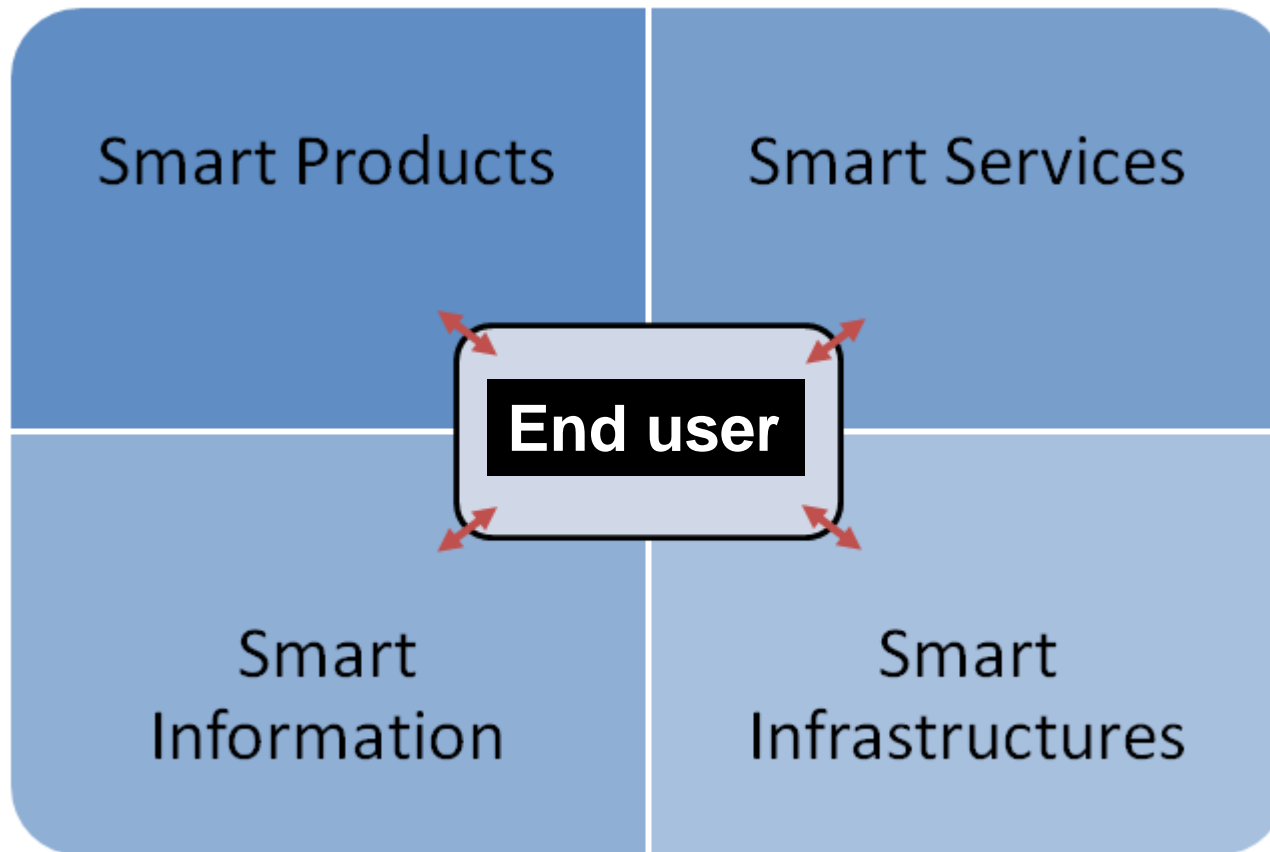
The issues facing GPP are similar to those facing consumers when they look to purchase products and services.

- Limited environmental data on products or services
- Insufficient mechanisms, such as **databases, labels** and web standards to publicize them.
- Insufficient information on the **full life cycle carbon** cost of products
- Insufficient information on the **relative carbon** costs of products / services.

The internal EU Policy context

Three mutually reinforcing priorities:

- **Smart growth:** developing an economy based on knowledge and innovation.
- **Sustainable growth:** promoting a resource efficient, greener and more competitive economy.
- **Inclusive growth:** fostering a high-employment economy delivering social and territorial cohesion.





Directives

- Eco design, Energy related Products (EuP) Directive.
 - *The ones to watch!*
 - Lot 1 Commercial Refrigeration + TC 44 - the most developed
 - Lot 22 Commercial ovens – re definition of parameters. Domestic/commercial issues
 - Lot 23 Commercial hobs and grills
 - Lot 24 Commercial Dishwashers
- Energy Labelling
- FGas regulation
- Energy Efficiency Directive
- Energy Performance of Buildings Directive
- Eco label for Green Public Sector Procurement
- Environmental Footprint Initiative

Eco design Directive – its getting closer!

- Refrigeration - 1st July 2016 onwards
- Ovens??
- Hobs??
- Grills??
- Laundry ??
- Warewashing equipment??





Uniting the European Foodservice Equipment Industry



Directives

- Water efficiency in Buildings
- Water-using products – DG Environment Ecolabel study
- Water policy - Fitness Check on Freshwater Policy

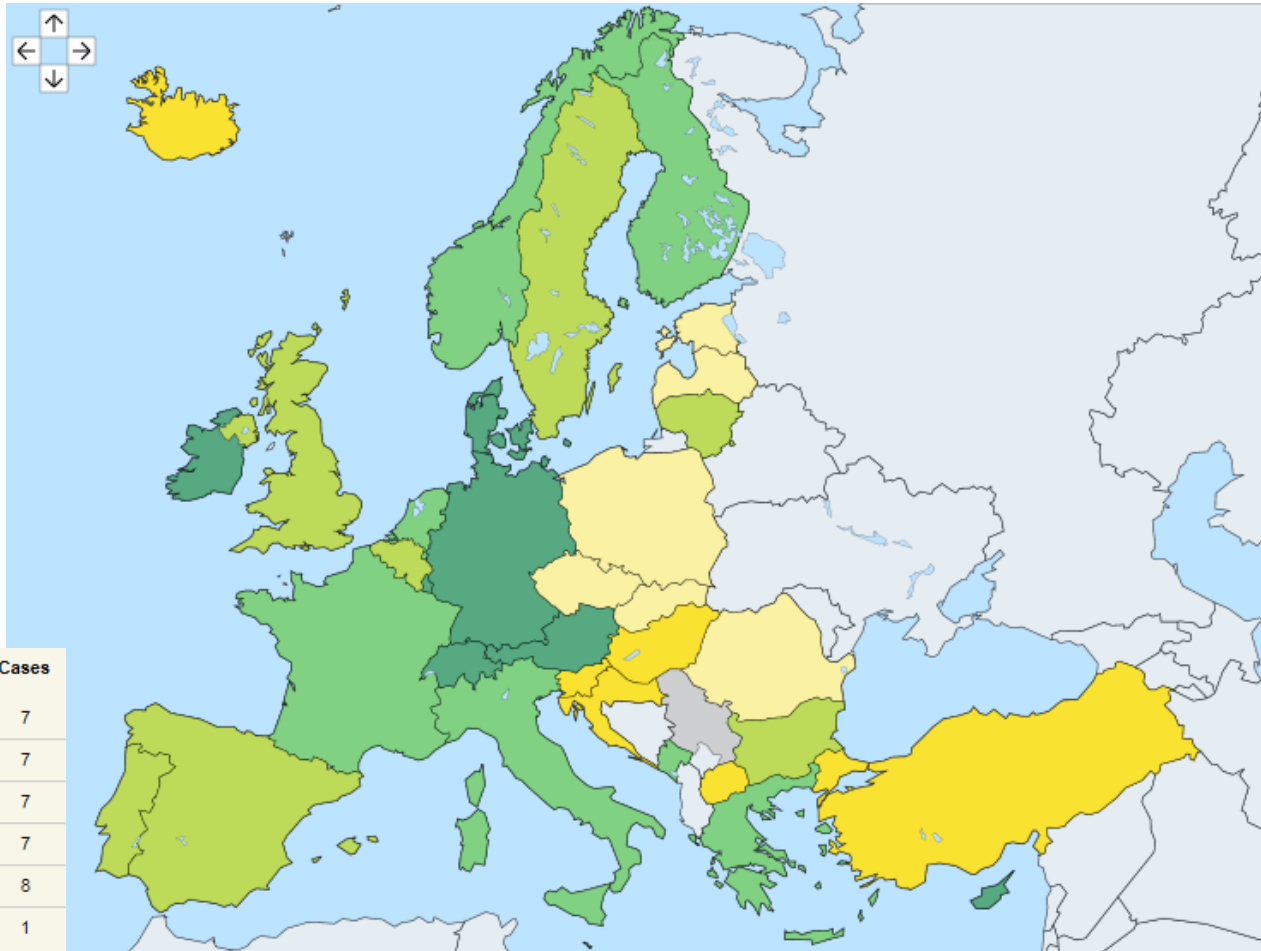
Drinking Water Directive

- 4/5 Member State Working Group
 - 5-6 year programme
 - Mutual recognition?
 - Materials – metals and plastics
 - Regulation or a standard?
 - National regulations will still ‘out rank’ this work.

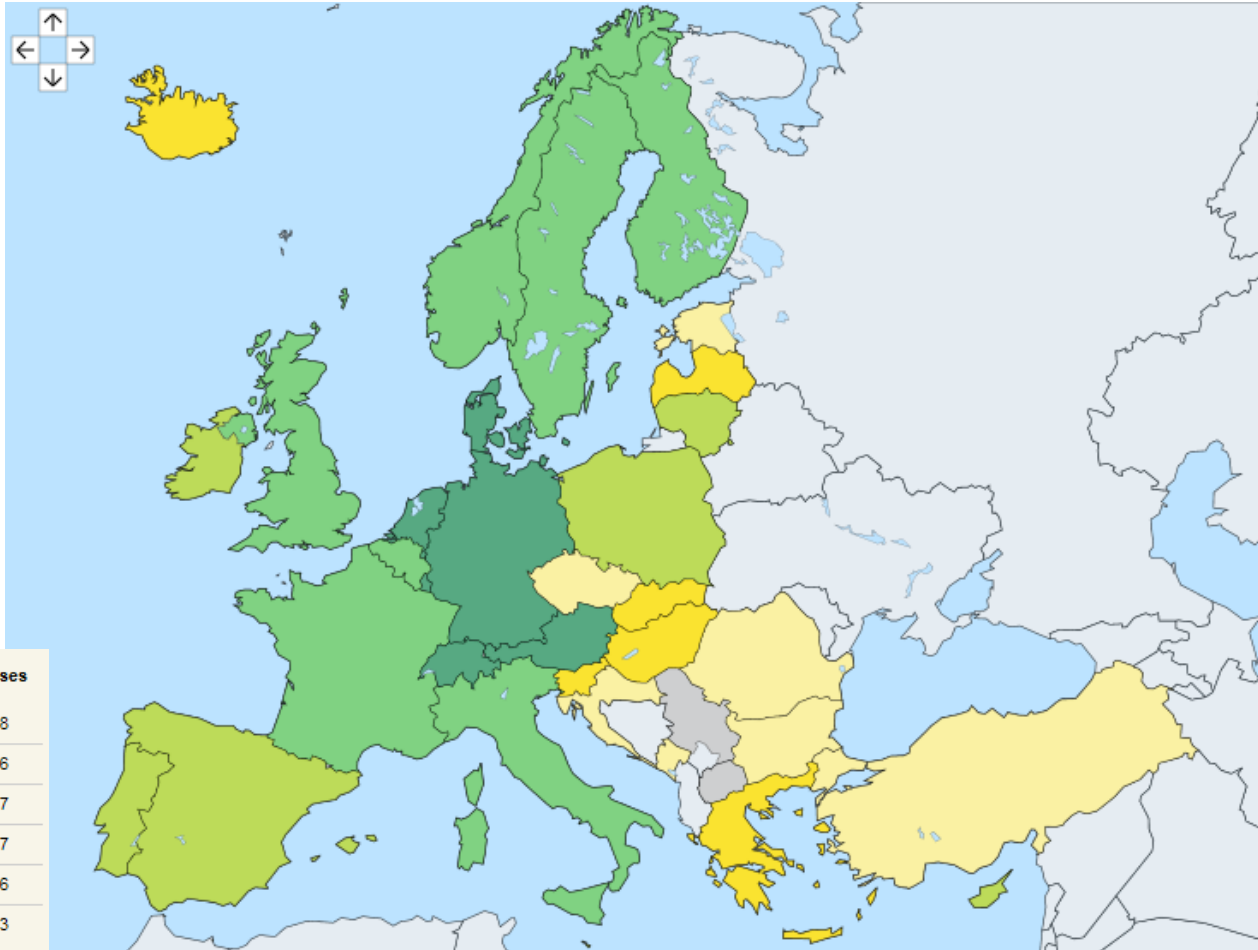


Uniting the European Foodservice Equipment Industry

Waste Generated – Total kg per capita



Composting/Digestion kg per capita

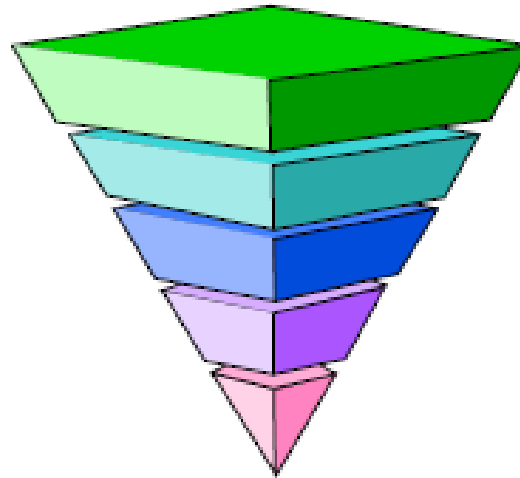


Waste Strategies

- Waste Framework Directive
 - Food Waste
 - Bio Waste Directive
 - Renewables Targets
 - Legislative Action by Member States
- RoHS - Restriction of Hazardous Substances
- WEEE – Waste Electrical and Electronic Equipment

Food Waste

- What it is covers:
 - ‘Sink to Sewer’ disposal
 - Kerbside collection
- When?
- Who?
 - Foodservice businesses



Prevention

If you can't prevent, then....

Prepare for reuse

If you can't prepare for reuse, then....

Recycle

If you can't recycle, then....

Recover other value (e.g. energy)

If you can't recover value, then....

Disposal

Landfill if no alternative available.

Building Information Modelling 'BIM'



What is BIM.....

.....a **PROCESS** for managing data

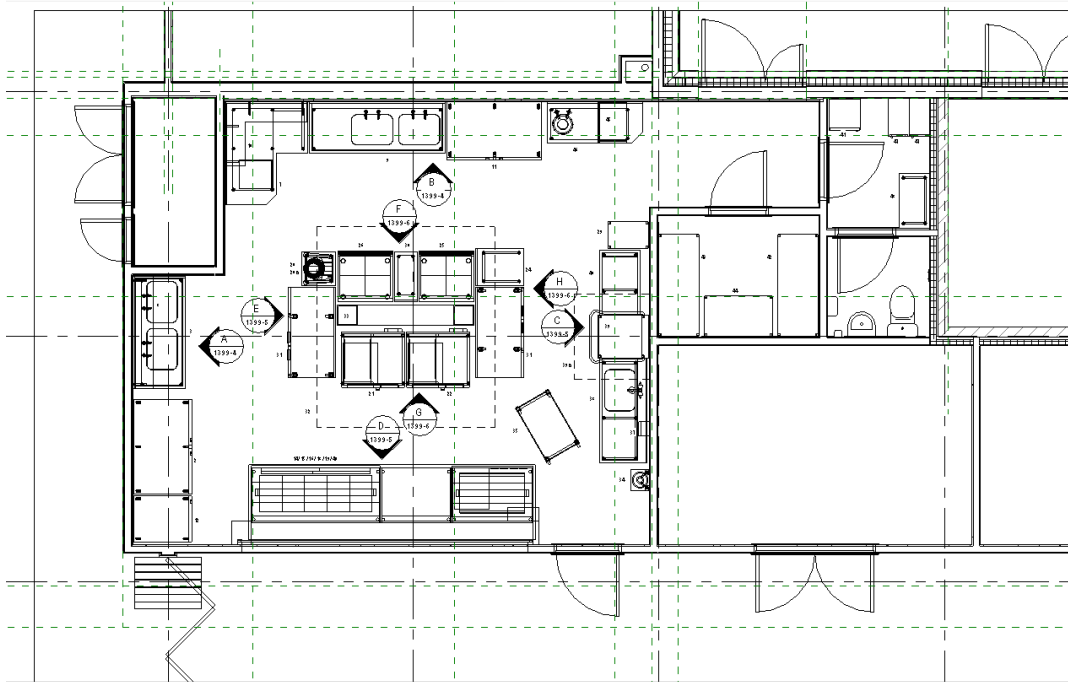
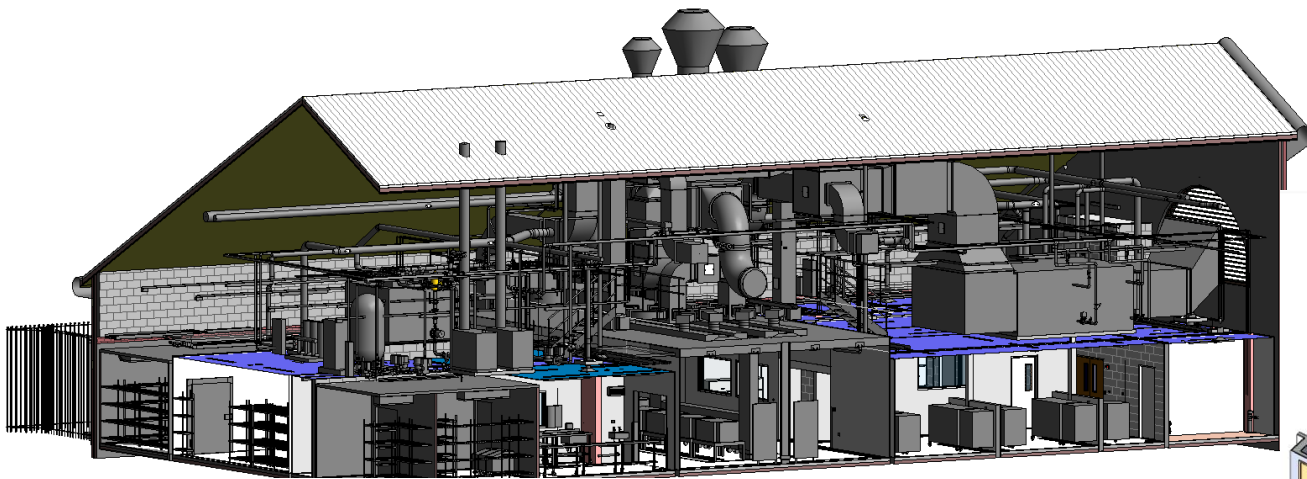
.....a **TOOL** to hold the data (BIM software model)

.....a **METHOD** of exchanging the data (COBie + other documents)

EU votes 'yes' to BIM-friendly procurement shake-up

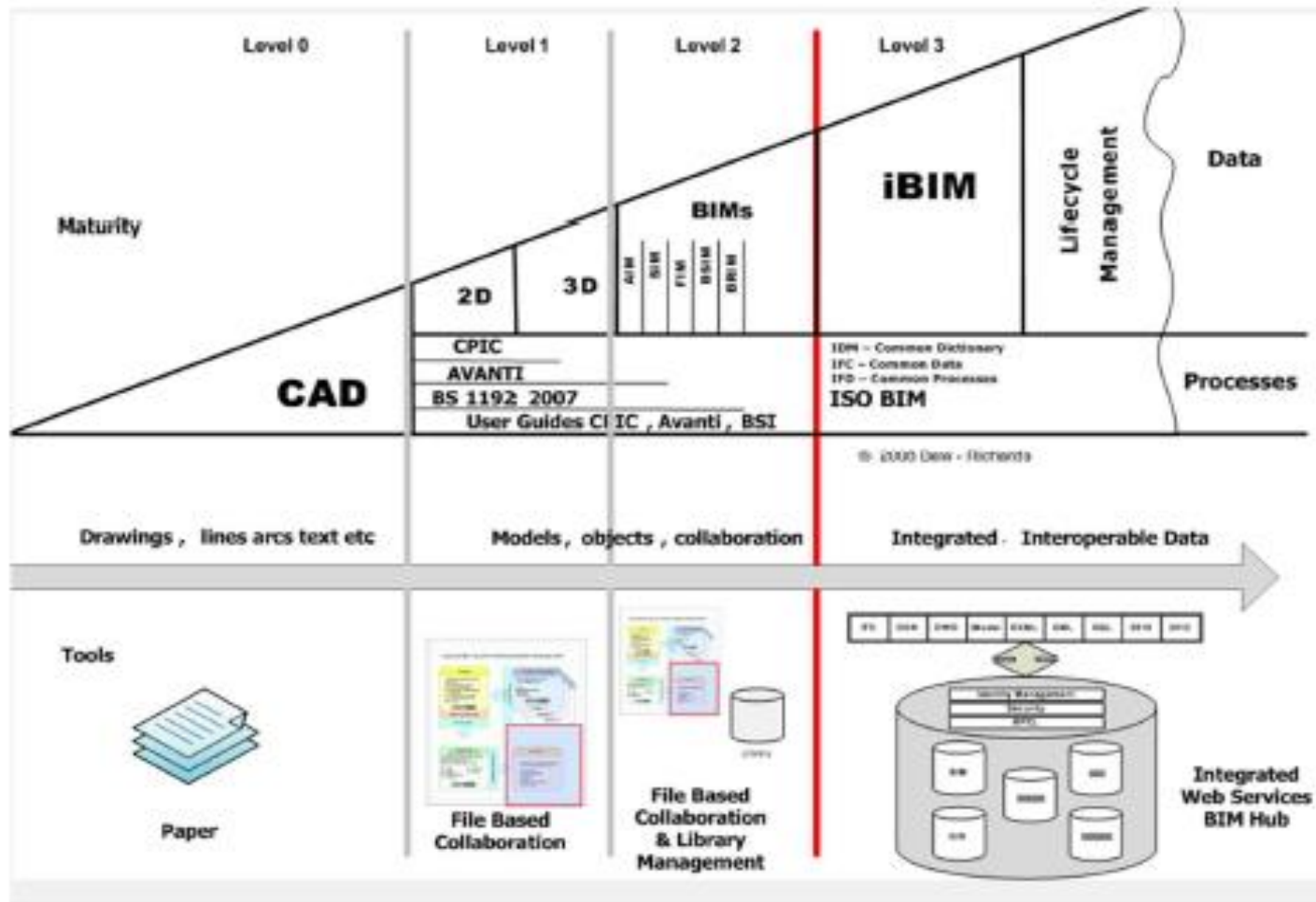
“The **European Parliament** voted to **support** a package of reforms to the **EU Public Procurement Directive**, which includes clauses designed to encourage all European countries to recommend the use of electronic tools, **including BIM**, on public works contracts.”

“Reforms included in the Directive cover all aspects of **procurement** and must be implemented into national law **within two years** of their publication in the OJEU.”



Uniting the European Foodservice Equipment Industry

What is BIM?



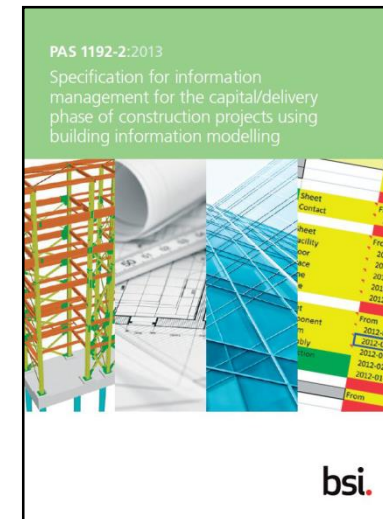
The Key Drivers

- Procurement costs
- Data management
- EU Directives/initiatives
 - Energy Efficiency Directive
 - Energy related Products Directive
 - Carbon Footprinting
 - etc.....
- International trade development

The 1st strand of BIM

Process for data management (BS 1192/PAS 1192)

- BS 1192:2007 Collaborative production of architectural, engineering and construction information – Code of practice.
- Building Information Management – A Standard Framework and Guide to BS 1192.
- PAS 1192-2 Building Information Management – Information requirements for the capital delivery phase of construction projects.



BIM Technologies

BRIEFING



DESIGN



ANALYSE



MANAGE



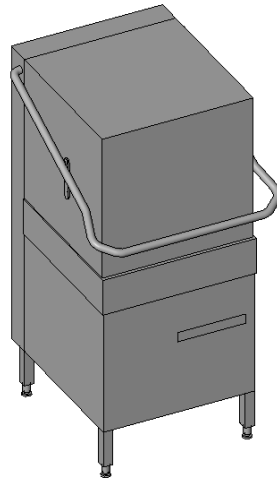
REVIEW



The 2nd strand of BIM
The tool to hold the data
(the BIM software model)

What is a BIM model?

- A digital representation of the building/asset
 - Allows **data** to be tagged or 'attached' to objects/equipment
 - Can see clashes easily
 - Can produce detailed schedules
 - Good for determining **quantities and costs**
-***Must be coupled*** with a BIM implementation plan



The screenshot shows the 'Family Types' dialog box in a software application. The 'Name' field is set to 'Hood Dishwasher'. The dialog contains a table of parameters categorized into Electrical, Mechanical, and Identity Data. The 'Family Types' section on the right includes buttons for 'New...', 'Rename...', and 'Delete'. The 'Parameters' section includes 'Add...', 'Modify...', and 'Remove' buttons. The 'Lookup Tables' section includes a 'Manage...' button. At the bottom, there are 'OK', 'Cancel', 'Apply', and 'Help' buttons.

Parameter	Value	Formula	Lock
Electrical			
Wattage	7750.00 W		
Phasing	3		
Amperage	13.00 A		
Mechanical			
Waste outlet	54.0 mm		
Cold water inlet	22.0 mm		
Identity Data			
URL	www.example.com/product_ex2015		
Model	EXAMPLE		
Manufacturer	EXAMPLE DISHWASHER		
Item number (default)			
Dimensions	625x740x1460		
Description	Passthrough Dishwasher, 500mm x 500		
Cost	4350.00		
Keynote			
Type Comments			
Assembly Code			

The 3rd strand of BIM

Construction Operations Building information exchange -COBie

COBie

Construction Operations Building information exchange

- A series of spreadsheets which can house data from the model
- 700 Spreadsheet templates. (Gas Appliances, Electrical Appliances etc)

www.bimtaskgroup.org

Re-usability

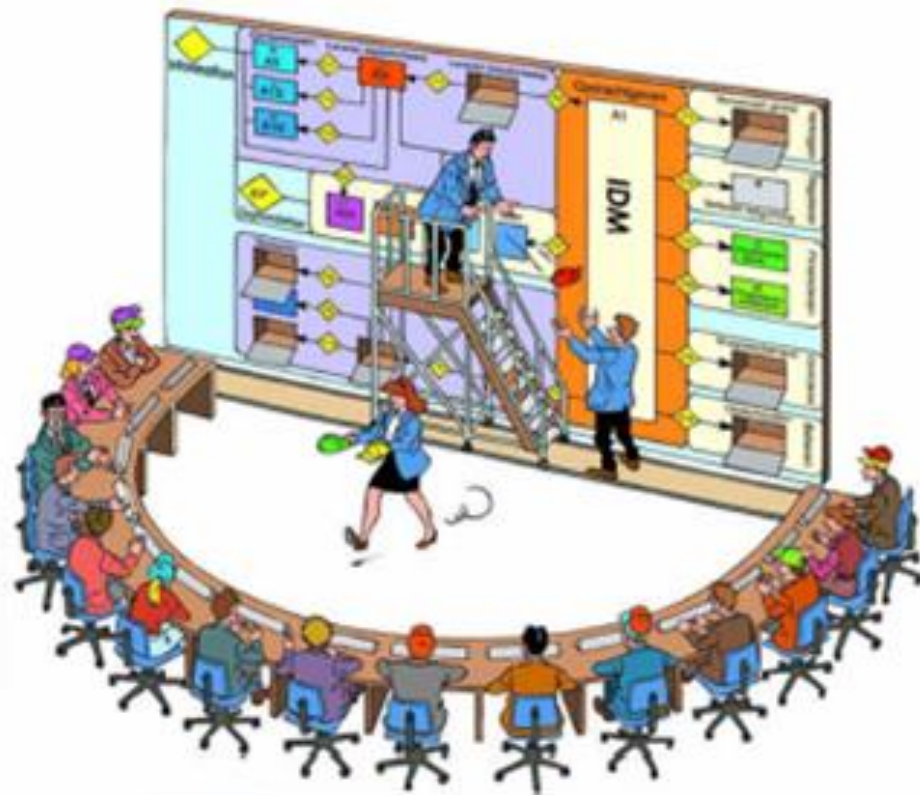
- One input, many outputs

Checkability

- One input, many checks

Interoperability

- One format, many paths





Things to look out for....

Uniting the European Foodservice Equipment Industry

EFCEM
European Federation of
Catering Equipment Manufacturers

European Kitchen Ventilation Systems Standard



- First draft received numerous comments
- WG 14 considered the comments – 50% accepted
- 2nd public enquiry complete
- Non harmonised standard 5 year review for harmonisation
- National requirements outrank European standards
- Next meeting in May 2015

Fats Oils and Grease

- FOG Forum
- Supplier vs. Operator vs. Water Company vs. EHO
- Free on demand

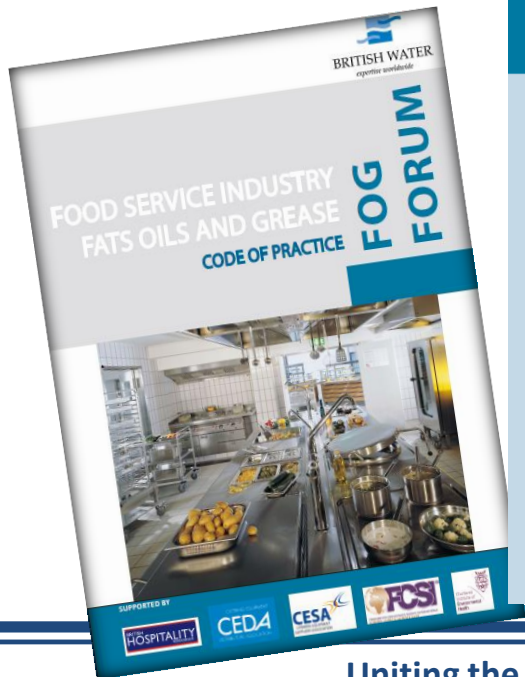


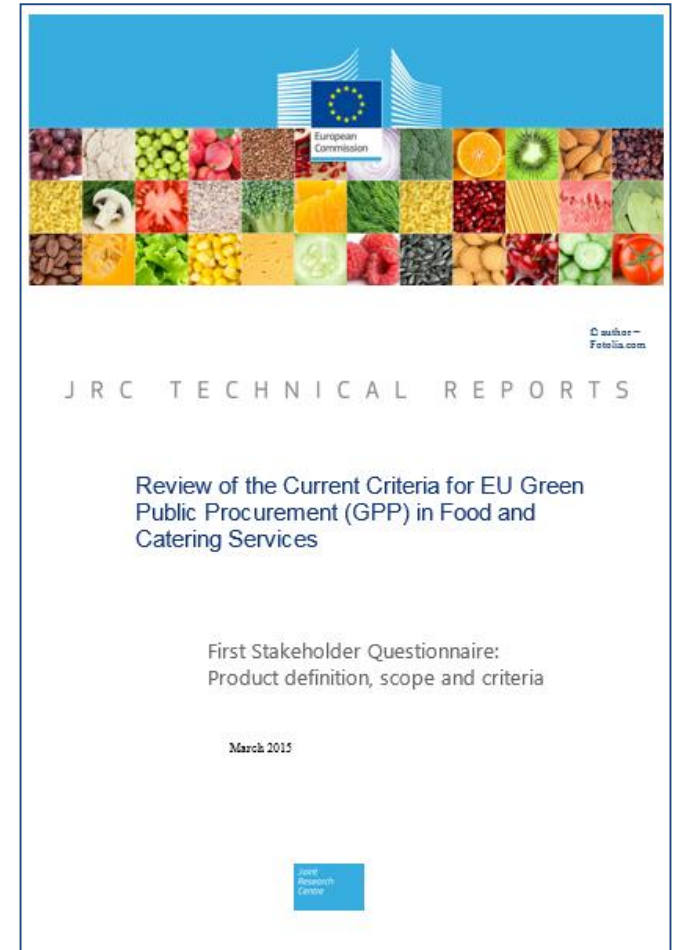
TABLE OF CONTENTS

- Introduction
- FOG Management
- Legislation and Regulation
- Site Evaluation
- Equipment Solutions
 - Grease separators
 - Grease removal units
 - Biological/bacteria based dosing system
 - Using Multiple equipment configurations
- Appendix
 - Legislation
 - FOG Forum
 - Useful contacts



...INVITATION TO TAKE PART IN THE REVISION OF THE EU GREEN PUBLIC PROCUREMENT (EU GPP) CRITERIA FOR FOOD AND CATERING SERVICES

http://susproc.jrc.ec.europa.eu/Food_Catering/



thank you!



keith.warren@cesa.org.uk

+44 (0)207 793 3030

+44 (0)7860 395752



Questions