



Technical assistance contract on DG GROW Lot 9 - 1st stakeholder meeting 13/11/2015 - Brussels

Ecodesign Activities On Enterprise Servers And Data Storage Devices (DG GROW Lot9)

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DG GROW Unit C1- Clean technologies and products

Preparatory and adoption procedure



1. Product study completed

2. Consultation Forum and first proposal

3. Draft regulation

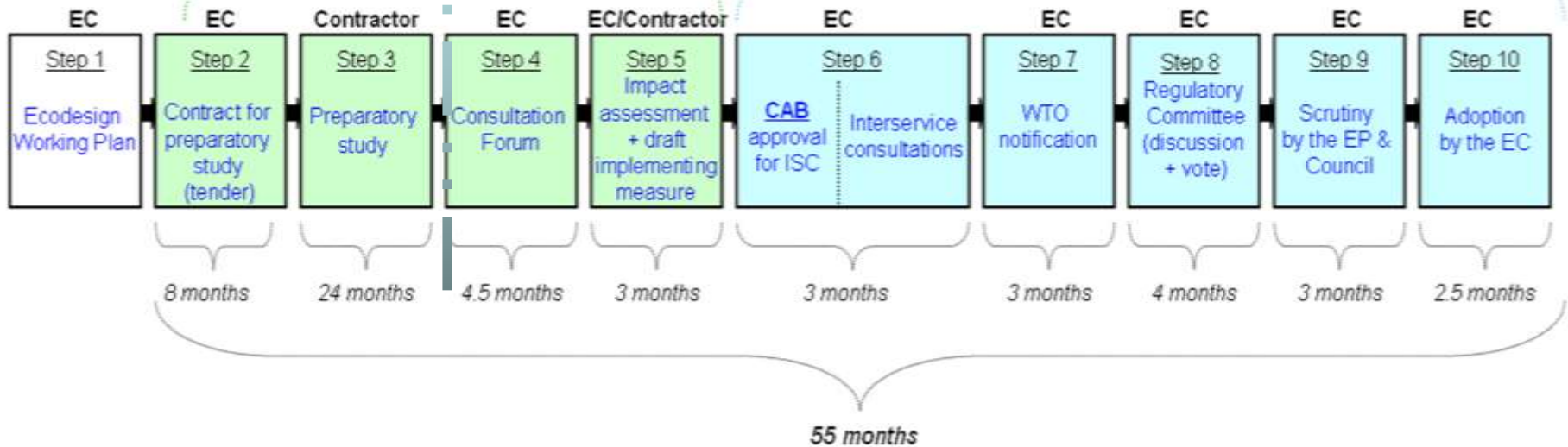
4. Approved by Regulatory Committee

5. Final regulation

Preparatory phase

Adoption phase

WE ARE HERE!



Latest news on the DG Grow Lot9 product group:

- The Ecodesign design preparatory study on DG GROW Lot 9 product was concluded on September 2015. **The consultants envisaged some potential Eco-design requirements for DG GROW Lot 9 products**, such as quantitative requirements at hardware level, in particular concerning the efficiency of the internal power supply unit, and information requirements on product's performance, both in idle and active state
- Following the conclusions of the Ecodesign design preparatory, on October 1st 2015 **we just started a dedicated impact assessment study**, which will analyze various potential policy options, with regard to servers and data storage devices.

Latest news on the DG Grow Lot9 product group:

- Parallel work in progress: **technical assistance contract on standardisation** gaps (mainly related to the area of energy efficiency/product performance), due to end in June 2016 (start of). This contract is meant, in particular, to develop measurement methods for the energy efficiency/product performance of servers and data storage devices.

Preparatory study/main conclusions:

Among the **potential requirements envisaged for enterprise servers and data storage devices**, the consultants identified:

1. Product information requirements (**on product performance**, operating conditions, etc..)
2. Requirements on product hardware components (e.g. on the **efficiency of the internal power supply units**)
3. Requirements on product software components and configuration (e.g. **software which supports virtualization**)
4. Requirements on some product **operating conditions**, in particular the temperature
5. Requirements on product **materials efficiency** (reuse, recycling).

As a result, the saving potential at the level of **servers and data storage devices** has been estimated to be in the order of **17TWh by 2030**.

Preparatory study/main challenges :

- The **market and technological trends for the years to come are difficult to evaluate**, in particular in the long-term, due to rapid technological developments within the ICT equipment sector
- DG GROW Lot9 products are part of the **business-to-business** sector→
 - ❑ Identification of common user patterns
 - ❑ Huge variability in terms of products, products size and configuration
- **Lack of standardised methods** for the evaluation of the energy performance.

Policy Measures: Ways Forward to be analysed in the Impact Assessment

- 1) Self regulation?
- 2) Voluntary schemes?
- 3) Ecodesign Regulation?
- 4) Energy Labelling Delegated Regulation?
- 5) Complementary regulatory approaches, such as “Energy Star programme”?



Thank you for your kind attention!

Any questions, please address to:

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