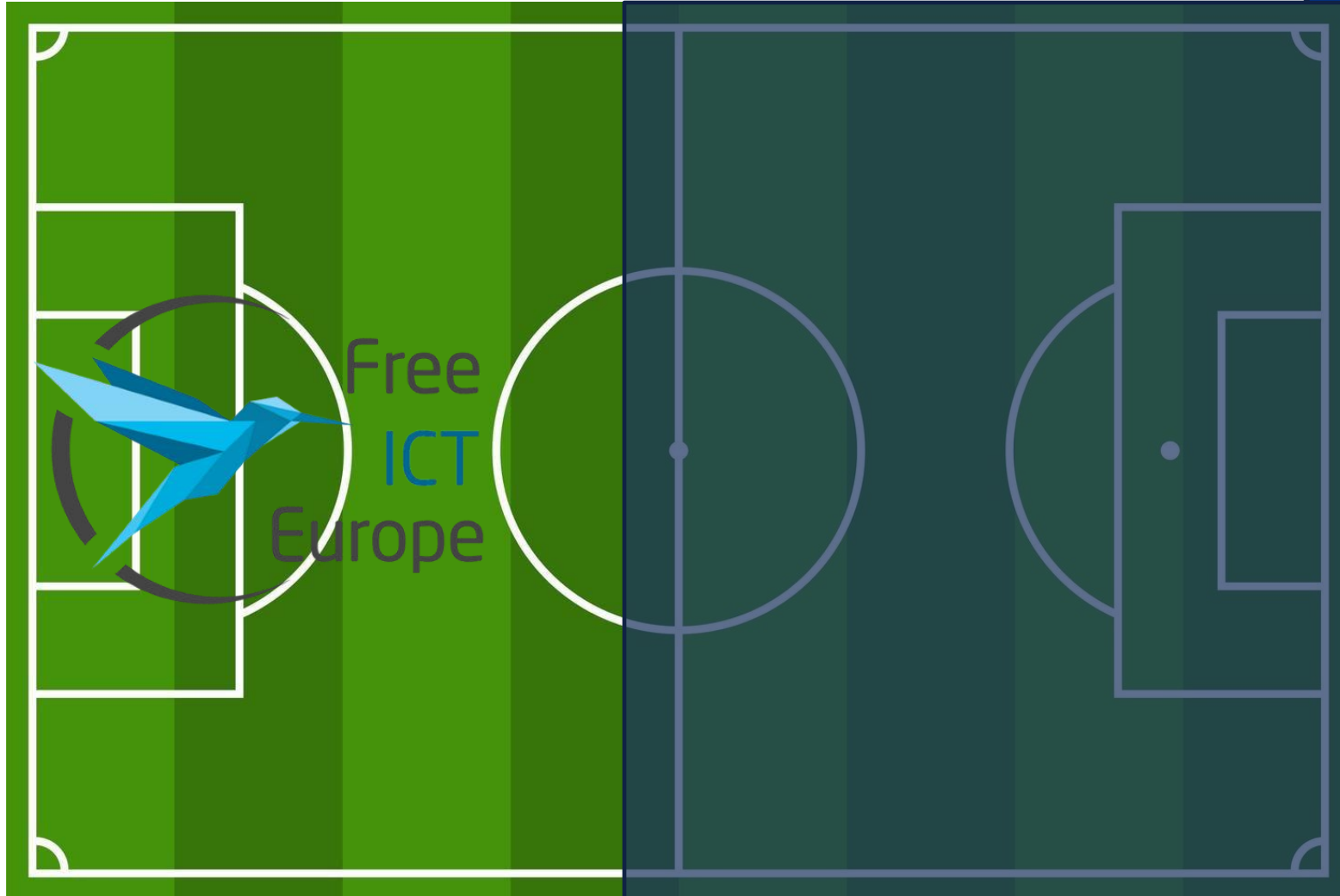


Wie heeft de regie & wie claimt welke positie?



Creating a sustainable future



Dit was het nieuws



Door Lennart 't Hart

15 nov 2022 om 16:27
Update: een uur geleden

735 reacties



De spermproductie van mannen wereldwijd gaat sneller achteruit dan we al dachten. Onderzoekers vrezen dat we een omslagpunt naderen. Dan is de vruchtbaarheid van de meerderheid van de mannen in gevaar.

Uit onderzoek uit 2017 bleek dat het aantal zaadcellen bij Westerse mannen in een enkele ejaculatie tussen 1973 en 2011 met meer dan 50 procent was gedaald.

Dezelfde onderzoekers keken wat er de laatste tien jaar is gebeurd. Daarvoor namen ze meerdere studies tussen 2014 en 2019 naar sperma onder de loep. Vervolgens voegden ze die data toe aan hun oude gegevens.

De conclusie is dat de gemiddelde spermaconcentratie tussen 1973 en 2018 daalde van 101 miljoen zaadcellen tot 49 miljoen zaadcellen per milliliter. Dat is een daling van 51,6 procent. En sinds 2000 is die jaarlijkse afname aan het





Re-defining Value – The Manufacturing Revolution

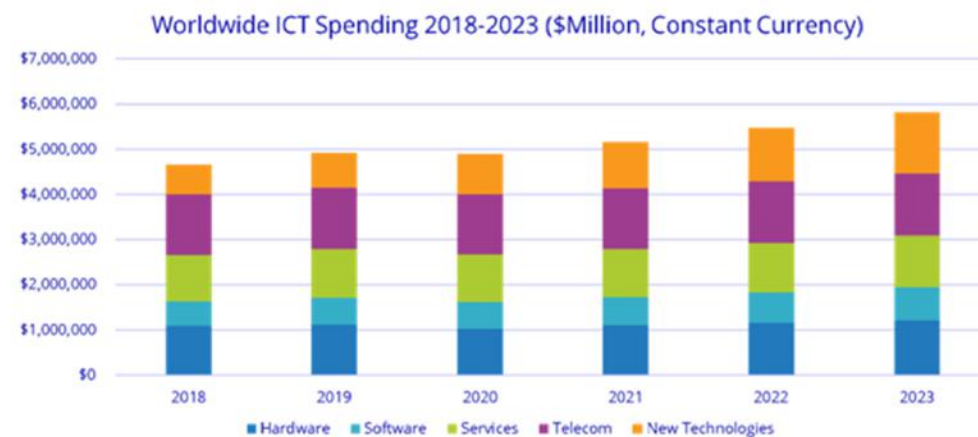
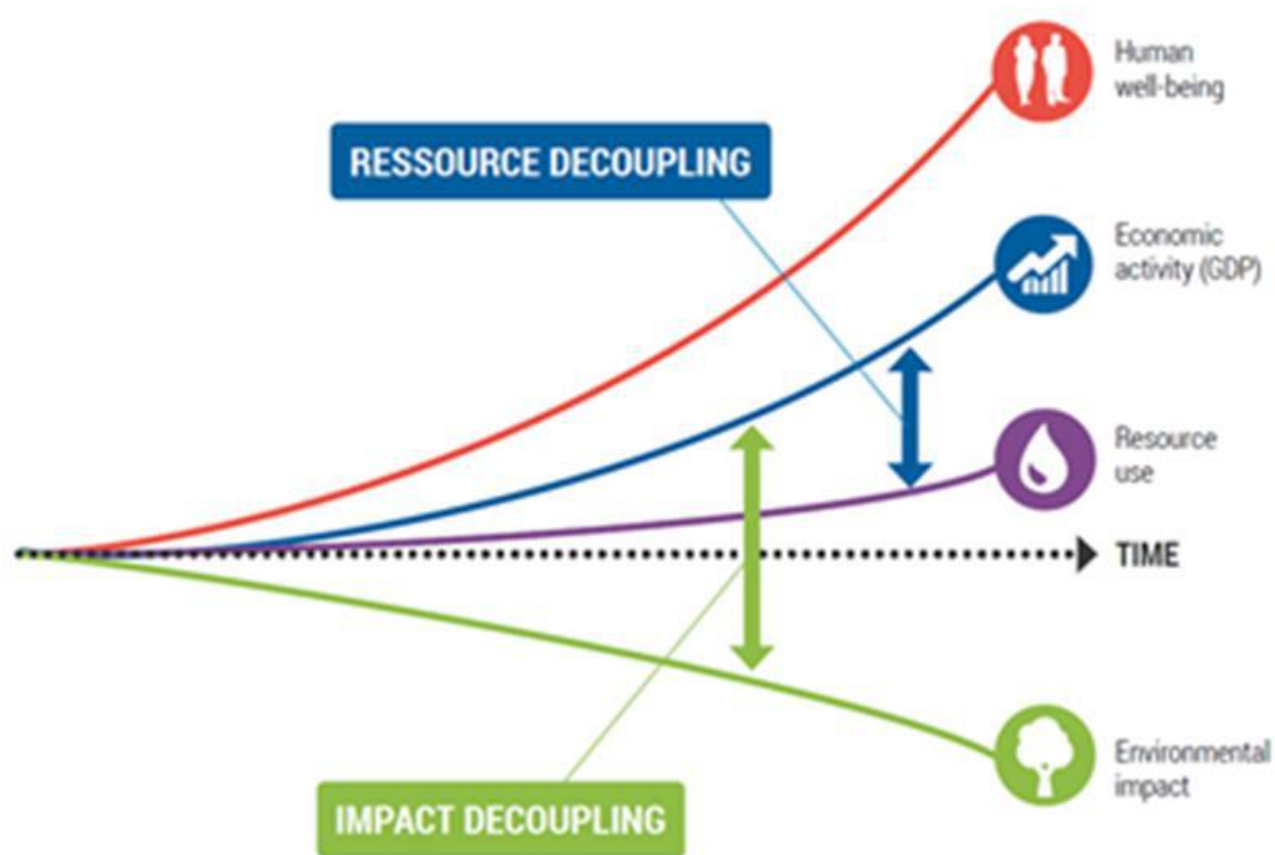
Remanufacturing, Refurbishment, Repair and Direct Reuse in the Circular Economy

[THE REPORT](#)[VIDEOS](#)[KEY FACTS](#)[SEE ALSO](#)

Re-thinking how we manufacture industrial products and deal with them at the end of their useful life could provide breakthrough environmental, social and economic benefits. Adopting value-retention processes is a win-win situation for governments, industry and customers. Governments would have less waste to deal with, generate green jobs, and stimulate economic growth; industry could lower production costs, avoid resource constraints on business growth, and open new markets; and customers could benefit from lower prices for refurbished products.

[# Remanufacturing](#) [# Resource Efficiency](#) [# Environmental Impacts](#) [# Decoupling](#) [# Circular Economy](#)

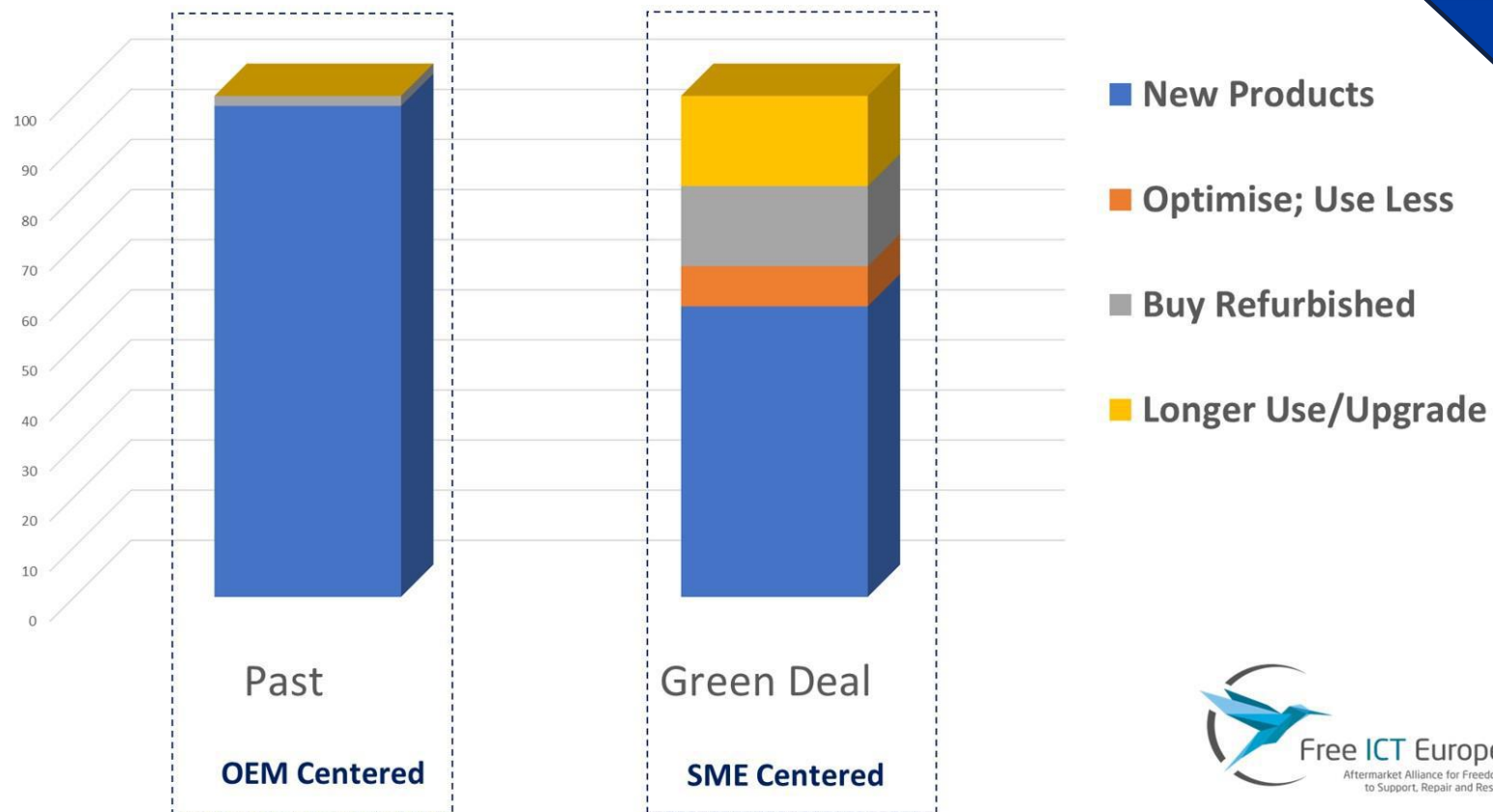
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Decoupling Gap



Resolving the Decoupling Gap



CEAP Kern Onderwerpen:

- **Ecodesign Directive:**
 - New legislation, called ESPR
 - Include Enterprise Networking
 - **Servers & Storage:** Firmware March 2023!
 - Printers/imaging
 - Review Computers
- R2R: Open up to B2B
- WEEE revision
- Green Public Procurement
- Increase the political agenda, perspectives:
 - Remove the black box around software: the digital key
 - Challenge the 1:1 that Product as a Service is a Sustainable Model
 - The need for SME's to make the CE work
- **Strategy & Research**
- Reporting

Insights ICT Spending:

Private/Public	62.50%
Consumers	37.50%

Game Changer: Servers&Storage

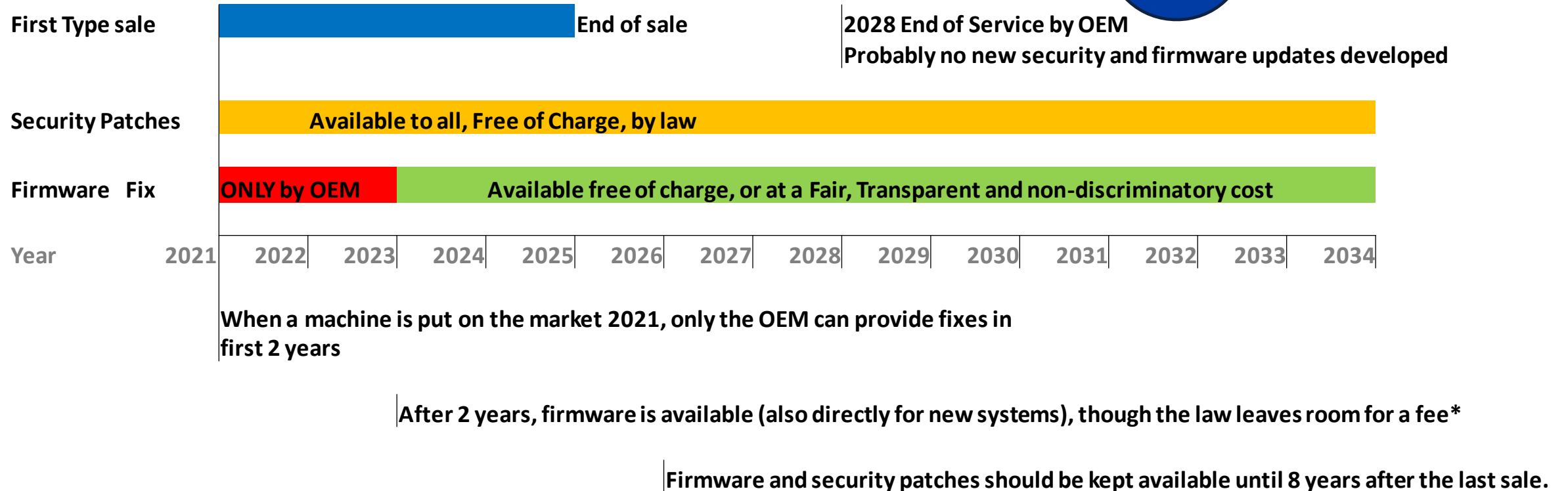
The proposed ecodesign requirements on (among others) **material efficiency** will contribute to the targets proposed in the package.

(8) In accordance with the Union action plan for the Circular Economy (2) the Commission should make sure that special emphasis is placed on aspects relevant to the circular economy, such as durability and reparability, when setting out or revising ecodesign criteria. Therefore requirements should be laid down on non-energy related aspects, including extraction of key-components and of critical raw materials (CRMs), **availability of functionality for secure data deletion and provision of latest available version of firmware.**

(9) The requirement on the extraction of key-components is expected to foster the reparability and upgradability of servers and data storage products, **in particular by third parties (such as spare parts repairers and maintenance).**

Lot 9–Firmware Servers&Storage

2021: Product Model Launch



* For End-Users the standard warranty period can be reduced to 2 years

Strategy ?

Sustainable IT Asset Management Strategy

1. No one size fits all approach: be tailored to your IT assets & Users;
2. Extend the life of your IT products. #1 to reduce environmental footprint; review local providers for support!
3. ITAM including the upgrades, maintenance and repairs required to extend the refresh cycle.
4. If you need to buy a product, first focus on used/refurbished options.
5. If new is required, choose products and manufacturers that scores high on sustainability of both the products and company policies: no obstacles to third party support and resale such as software lock-ins; Include Open Source options into your scope.
6. Make sure contracts do not limit the extension of use, or any obstacles to reuse/resell;
7. Choose reuse over recycling for redundant IT hardware by choosing an ITAD specialist that is qualified in end-of-life management as well as preparation for secondary use.
8. Climate compensate the footprint of your new product.



Free ICT Europe

Research - Moore performance?



Configuration is King

Upgrade N-1 CPU + RAM - Now Current Gen is considerably less energy efficient



EST 1992
LSBU



Refurbishment - SME Training

Free ICT Europe

Research CEDaCI

Dell PowerEdge v.s. HPE Proliant DL385

- Identical Configuration: CPU, Drives, memory
- Which one is more sustainable?

Results are not public; currently adding Lenovo to comparison

Non-Financial Reporting



The CSRD applies to 1. all listed entities, and 2. to entities that meet 2 of the following 3 criteria:

- (a) More than 250 employees.
- (b) More than 40 million turnover.
- (c) More than 20 million on the balance sheet

Led by IFRS announced the formation of a new International Sustainability Standards Board (ISSB) to develop a comprehensive global baseline of high-quality sustainability disclosure standards.

Insights - Agenda

Laatste weken:

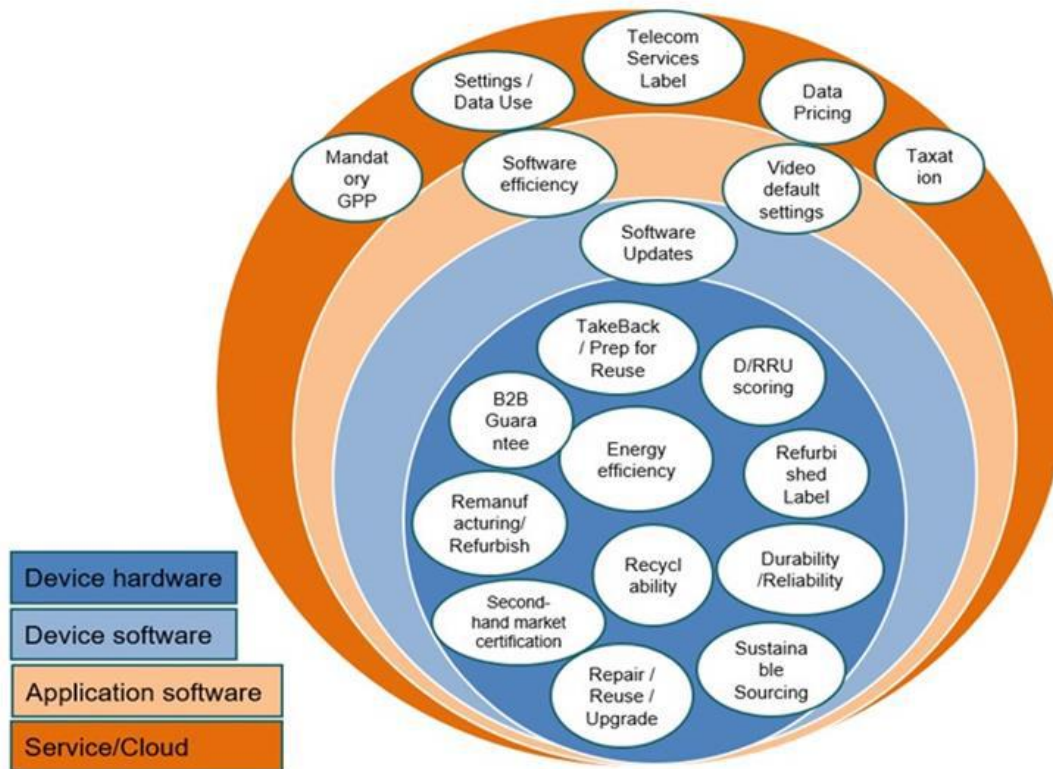
- Input voor herziening WEEE
- Meeting met Alliance Partners
- Mailing naar EC Technical Committee, Ecodesign Smartphones
- **Meeting & presentatie JRC ICT Study**
- Case: Import beperking van producten vanuit USA
- Case: Thuis kopie heffing NL
- EU-US Trade and Technology Council work on AI -- request for comments

Komende weken:

- Meeting met MEP
- Meeting met staff lid DG Justice (R2R)
- Meeting met EP rapporteur ESPR..

JRC ICT Study

Policy recommendations by ICT system level



JRC ICT Study, Recommendations

- #1 Extending the implementation of energy efficiency requirements
- #2 Introduction of energy efficiency requirements based on active mode performance
- #3: Material efficiency of consumer electronics
- #4 Minimum Guarantee for B2B ICT sales**
- #5 Quality labelling and certification for refurbishing and second-hand markets (Consumer)**
- #6 Take Back and preparation for Reuse
- #7 Sustainable Sourcing
- #8 Video streaming default settings
- #9 Consumer information on environmental impact of settings and data usage
- #10 Energy Efficiency and Carbon Footprint Labelling of Telecommunication Network Services
- #11 Application software products: material and energy efficiency**
- #12 Mandatory Green Public Procurement**
- #13 Financial instruments

Thank you!

Join us, today.

Doing nothing is no option...

www.freeict.eu (EU)

www.freeict.org (USA)

