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Circular procurement of the Datacenter ICT
City of Haarlem

Scope

- ICT is a **broad range of products and services**: phone (smartphone and regular etc.), desktopcomputer, dataserver, software and the design of the system.
- ICT departments is about **performance** and overdimensioning is normal.
- Demands of ICT department is very **complex** and with a very own jargon
- There is almost **no circular trackrecord**. On energy the knowledge is better and sense of urgency is better felt.
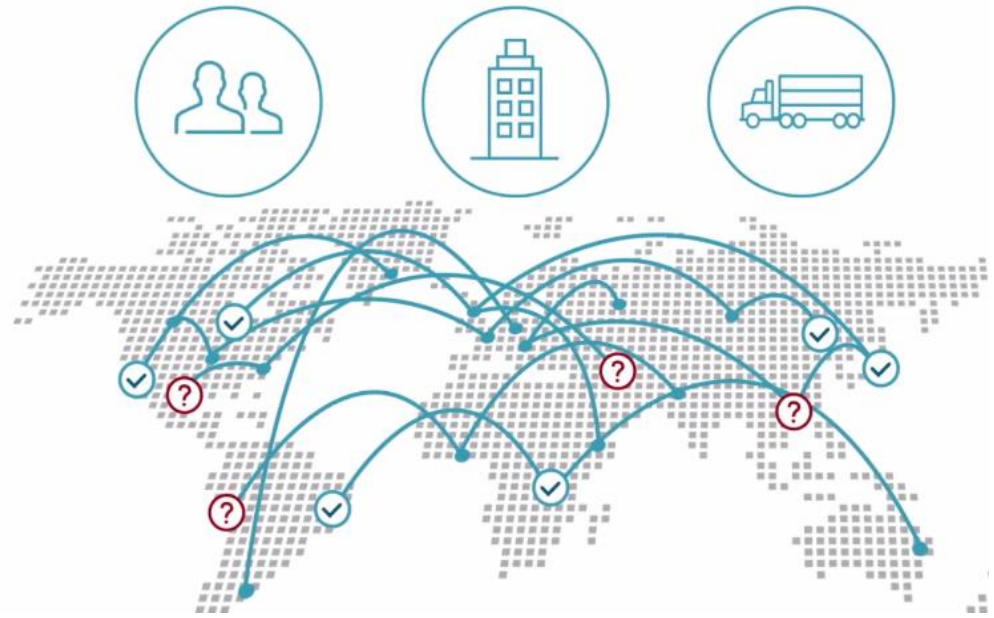
- We will focus on the **dataserver part**.
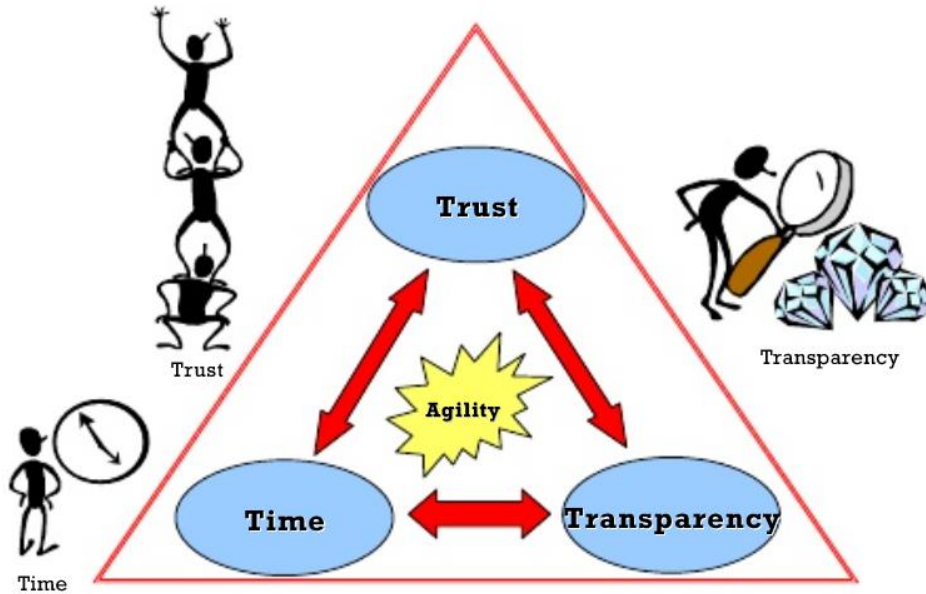
Social responsability, supply chain, ILO

- ILO as standard purchase condition
- No further questions asked about supply chain transparancy
- Weelabex demanded to insure datawiping and responsable second life of dataserver
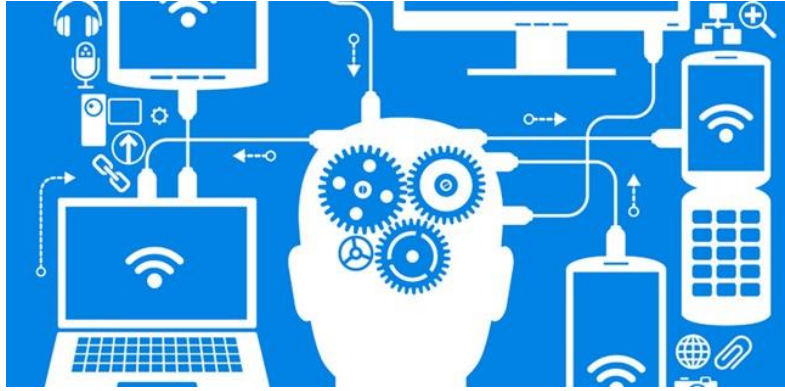- In this procurement there were concerns about enough applicants….there were only 2!

3 T's in the ICT procurement

The 3 Ts of Highly Effective Supply Chains

Get the right setting

- Adress circular procurement possibillities in the pre-procurement phase

- Get experts on green ICT on board- they know the language of the ICT people-very important

Optimize, slow down and close the loop

- **Optimize**: make a design with less hardware (and save resources and energy)
- **Slow down:** use the hardware longer
- **Close the loop:** use of resources of hardware in the same matter

Dillema's

- **Transparency in the supply chain?**

- Circular vs Energy: energy efficiency from dataservers is getting better. Energy wise it is smart to monitor energy use and take a look at development of newer less-energy consuming servers, if the load of the servers is getting higher the energyconsumption raises exponential (we build in the contract on a smart load monitoring and advice for renewe hardware→ **More use of resources but less energy use?**

- **How to challenge the ICT market to develop circular products in social responsable way?**