

## The Eco-efficiency and Factor of ICT Services

**The eco-efficiency and factor of ICT systems and services are calculated for the quantitative evaluation of ICT's declining environmental load.**

$$\text{Eco-efficiency} = \frac{\text{Services provided in the lifecycle of ICT systems and services}}{\text{Environmental load induced in the lifecycle of ICT systems and services}}$$

$$\text{Factor} = \frac{\text{Eco-efficiency of the object service}}{\text{Eco-efficiency of the basis service}}$$

(Sample): The Idea of Distribution of the Amount of Environmental Load Induced by ICT Infrastructure according to Applications

- Quantification of the total amount of information through the infrastructure
- Quantification of the amount of information through various applications
- Distribution dependent on the amount of information

AP	AP	..	AP
Informational distribution platforms			
Network devices, terminal devices			

