

ROUNDTABLE
REDUCING ORGANIZATIONAL
AND PRODUCT CARBON
FOOTPRINT AT BOSCH

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Sustainable business practices – Values

We are **Bosch**

- (1) Future and Result Focus
- (2) Responsibility and Sustainability**
- (3) Initiative and Determination
- (4) Openness and Trust
- (5) Fairness
- (6) Reliability, Credibility, and Legality
- (7) Diversity

We act responsibly in the interest of our company, also taking the social and ecological impact of our actions into consideration.



United Nations: Sustainable Development Goals



▶SDG 13: All for one

Responsibility...

...for the environment and the climate

- Climate protection management
- Environmental technology
- Environmental initiatives
- Environmental management

...for the
environment
and the climate

Responsibility...

...for the environment and the climate

- **Example: Recycling in automotive technology**
 - "Bosch eXchange" involves around 11,000 replacement parts
 - We collect used parts from 50 countries and **recondition** them complete with warranty: Compared with new production, remanufacturing enables Bosch to save **25,000 metric tons of CO₂**. This is equivalent to the amount of CO₂ sequestered by a 2,000-hectare forest



Responsibility...

...for products and customers

→ Examples of automotive applications

- Hybrid vehicles achieve 20-25% reduction in CO₂ emissions over conventional vehicles
- Bosch start-stop systems cut CO₂ by 4-8% (8% in urban driving)
- Energy-efficient auxiliary units and enhanced energy management cut CO₂ by up to 5% (e.g. alternators, battery and thermal management, electromechanical rack and pinion steering gear)

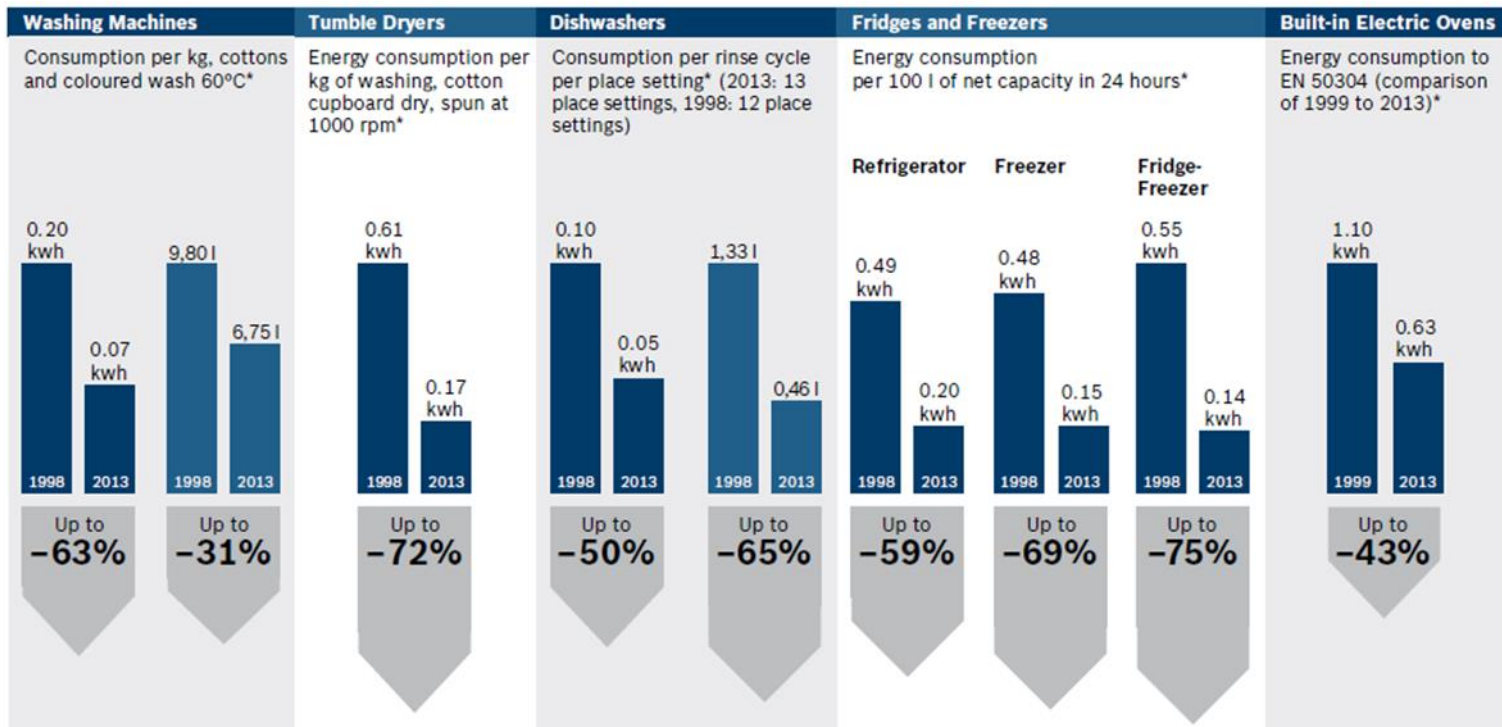


Responsibility...

...for products and customers

→ Examples of household appliances

- Improvements in energy and water consumption over the past 15 years with the super-efficient Bosch home appliances



Sustainability targets

Facts & figures

- Introduction of **ISO 14001**: around 87 percent of all manufacturing sites and larger development locations have received external certification
- Analyses of **energy use** help achieve the energy and CO₂ reduction targets
- Development of „3R concept“: **Reduce, Reuse, Recycle**

CO ₂ -emissions (absolute)	(– 30.6 %* versus 2007)
Energy consumption	(– 35.1 %* versus 2007)
Waste volume	(– 23.7 %* versus 2007)
Water consumption	(– 35.9 %* versus 2007)

* Improvement relative to value added, in percent

Thank you for your attention

