

# **Focus Areas of ICT and Environment Initiatives of Governments and Industry Associations**

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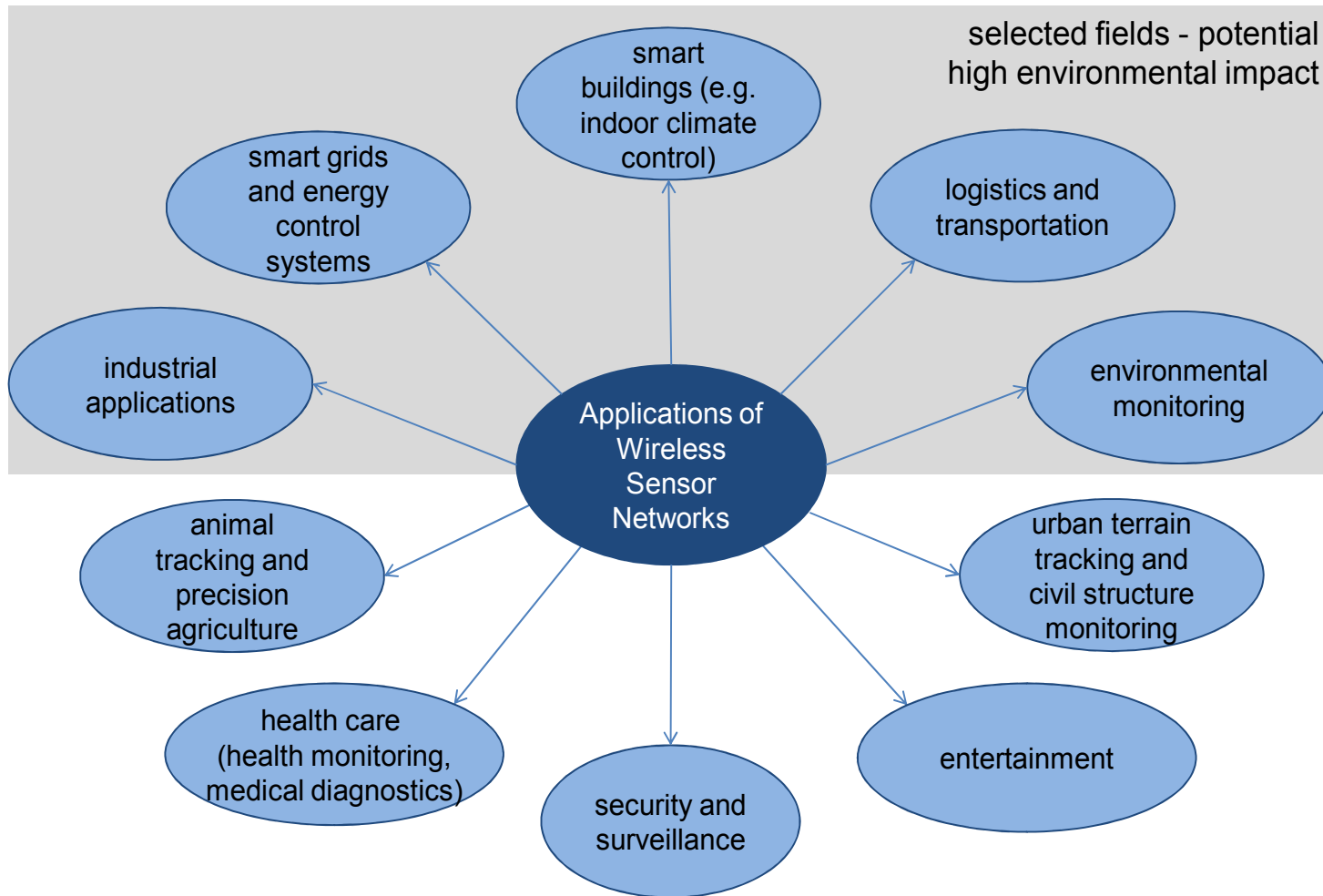
**Workshop 52. ICTs and an environmentally sustainable Internet**

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# Fields of application of wireless sensor networks



# Focus Areas of 'Green ICT' Initiatives

Governments	Direct impact of ICTs				
	R&D and Design	Manufacturing	Distribution	Use	Disposal
Global Warming	Low	Low	Low	High	Low
Energy Use	Low	Medium	Low	High	Low
Toxicity	Low	Medium	Low	<i>n.a.</i>	Medium
Non-Energy Resource Depletion	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Medium
Land Use	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Medium
Ozone Layer Depletion	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
Biodiversity	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>

Industry Associations	Direct impact of ICTs				
	R&D and Design	Manufacturing	Distribution	Use	Disposal
Global Warming	<i>n.a.</i>	Low	Low	Medium	Low
Energy Use	<i>n.a.</i>	Low	Low	High	Low
Toxicity	<i>n.a.</i>	Low	Low	Low	Medium
Non-Energy Resource Depletion	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Medium
Land Use	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Low	Medium
Ozone Layer Depletion	<i>n.a.</i>	Low	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
Biodiversity	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>

The percentage out of 75 initiatives targeting a life cycle phase and an environmental impact category explicitly is: **Low**: if below 10%, **Medium**, if above or equal to 10% but below 25%, and **High**, if above or equal to 25%.

# Focus Areas of Initiatives using ICTs as an Enabler

Governments	Enabling effect of ICTs				
	R&D and Design	Manufacturing	Distribution	Use	Disposal
Global Warming	<i>n.a.</i>	Low	Medium	Medium	<i>n.a.</i>
Energy Use	<i>n.a.</i>	Low	Medium	Medium	<i>n.a.</i>
Toxicity	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
Non-Energy Resource Depletion	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Low	<i>n.a.</i>
Land Use	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
Ozone Layer Depletion	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
Biodiversity	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Low	<i>n.a.</i>

Industry Associations	Enabling effect of ICTs				
	R&D and Design	Manufacturing	Distribution	Use	Disposal
Global Warming	<i>n.a.</i>	Low	Low	Low	<i>n.a.</i>
Energy Use	<i>n.a.</i>	Low	Low	Low	<i>n.a.</i>
Toxicity	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
Non-Energy Resource Depletion	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Low	<i>n.a.</i>
Land Use	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Low
Ozone Layer Depletion	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>
Biodiversity	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	Low	<i>n.a.</i>

The percentage out of 75 initiatives targeting a life cycle phase and an environmental impact category explicitly is: **Low**: if below 10%, **Medium**, if above or equal to 10% but below 25%, and **High**, if above or equal to 25%.