



The Global e-Sustainability Initiative (GeSI) – E-waste Working Group

E-Waste Management Forum

Session I “E-waste Management Initiatives”:

9 - 10 February, 2009

Cairo, Egypt



Outline

1. What is GeSI?
2. GeSI activities
3. The E-Waste Working Group
4. E-Waste: a key issue for GeSI Members
5. E-Waste Working group goals and recent history
6. E-Waste project
7. Activities
8. Next steps

1. What is GeSI?



GeSI

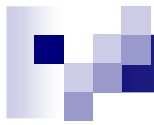
GLOBAL e-SUSTAINABILITY
INITIATIVE

ICT Sustainability Through Innovation

ICT Sustainability Through Innovation

- industry led
- open to full ICT industry
- manufacturers, operators and regional associations
- partnered with UNEP and ITU, ETNO and the USTA
- Vision:

“That through GeSI, ICT is seen as a critical contributor to sustainable development.”



GeSI Aims

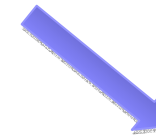
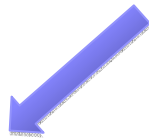
- Create an open and global forum to the benefit of economic, social and sustainable environment.
- Stimulate multi-stakeholder partnerships with regional and international organisations.
- Foster a culture of innovation for ICT solutions contributing to sustainable development.
- Attract new members to share and increase the benefits of GeSI.
- Encourage continual improvement in sustainability management and share best practice.
- Encourage companies in developing countries to join and share benefits of the initiative.
- Promote and support greater awareness, accountability and transparency.

2. GeSI working groups



GeSI

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Climate Change

Supply chain

E-waste



Smart 2020



E-Task Tool



**E-waste
Questionnaire**



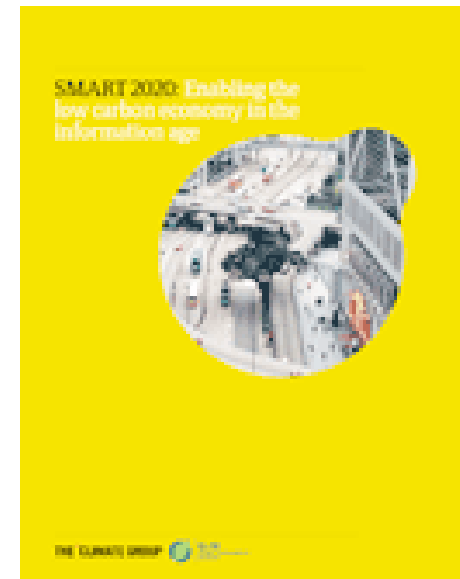
Enabling the Low
Carbon Economy in the
Information Age

To assess the sustain-
ability of providers
→ sustainability along
the supply chain

Helps companies to deal
with take-back, re-use,
recycle, destruction and
and transboundary
movements

What is “Smart 2020”?

Enabling the Low Carbon Economy in the Information Age



Through enabling other sectors to reduce their emissions, the ICT industry could reduce global emissions by as much as 15 per cent by 2020 – a volume of CO₂ five times its own footprint in 2020.

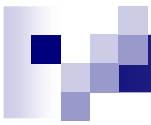
What Does E-TASC Do?



Electronics - Tool for
Accountable Supply Chains

- E-TASC: Electronics - Tool for Accountable Supply Chains
- Web-based management tool that allows to put their ideals into action and focus on results.
- Allows to assess the sustainability a companies providers (sustainability along the supply chain), mainly in the ICT sector

→ Self-assessment of the company's sustainability and CSR policies.

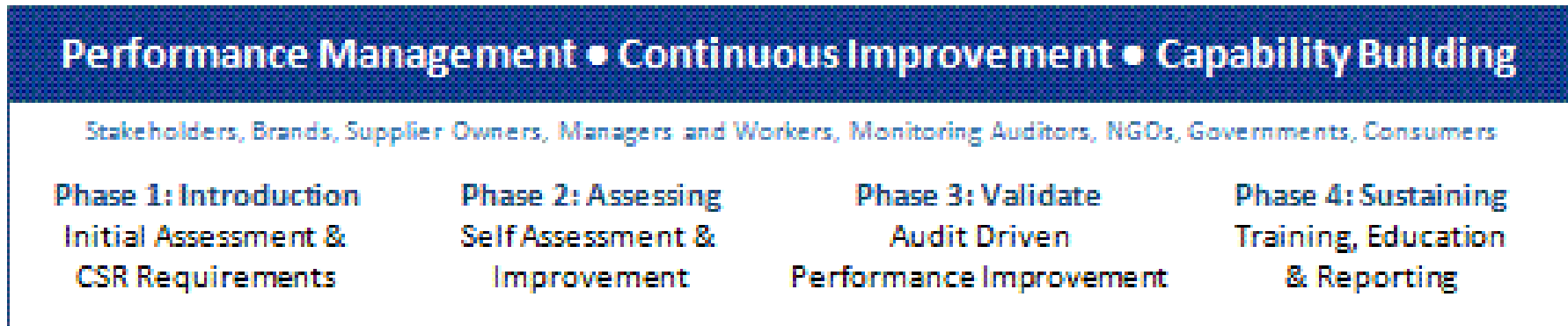


What Does E-TASC Do?



Electronics - Tool for
Accountable Supply Chains

Supplier Engagement Model:



Current and Future Suites of Tools:

- E-TASC as to become a robust tool that will support efforts to measure performance and enhance capabilities and best practice sharing within the electronics supply chain.

3. The E-Waste Working Group :

Current composition





4.E-Waste: A key issue for GeSI Members

- Materiality Report (March 2008)
 - Waste & Materials Use identified as an area where ICT industry can make substantial contribution to sustainability

- UNEP E-Waste Survey (Jan-March 2008)
 - Identify member e-waste priority project areas for future work of working group



5. E-Waste WG goals and recent history

■ Goals (GeSI annual report 2007)

- Increase the reuse and recycling of electronic products
- Increase the environmentally safe disposal of e-waste
- Decrease the amount of usable electronic material going to landfills wherever their businesses or suppliers operate

■ Recent history

- May 08 : GeSI Board agreed to support the re-launch of the E-Waste WG
- July 08 : first monthly teleconference
- November 08 : Work Packages 1 & 2 ongoing !



6. E-Waste Project

■ Main focus

1. Develop an End-Of-Life management tool (WP1)
2. Develop an integrated road map for the WG

■ Work Package 1 (WP1): 6 phases

1. **Project mapping and scoping**
2. **Common understanding and development of questionnaire**
3. Multi-stakeholder consultation and testing
4. Implementation of e-tool
5. Development of support materials for audit and training
6. Audits and training pilot projects

6. E-Waste Project Road map

- Take-back strategies?
 - How to increase take-back rates?
- Supplier standards to promote recycled and recyclable materials?
 - How to move towards circular flows in the ICT sector?
- Economic viability of a circular ICT economy focusing on increasing the use of recycled components?
 - How to disconnect production cost from raw materials costs?
- E-Waste recycling:
 - What are the benefits for climate change?





7. The E-Waste Working Group : Activities

- Monthly conferences, minutes and action items
- Network building
- Feedback and suggestions on work done by UNEP team
- Contributions by companies into the outputs of the WG

- Supply Chain questionnaire reviewed by WG : may be used as a basis for the E-waste tool
- Members' internal guidelines on E-Waste collected to be used as a basis
- Existing national E-waste guidelines collected and synthesized to be use as a guideline
 - Draft of questionnaire ready for consultation

- Contacts with PACE and StEP initiatives to share ideas and documents

8. Next Steps

- E-waste questionnaire creation
 - Draft questionnaire review and improvement
 - Questionnaire prototype (ready for trial phase)
- Linkage to the SC WG : questionnaire & material stewardship (link with extractives)
- Continue developing E-waste WG roadmap (priorities) Work on material stewardship with other GeSI WGs including climate change



Global GeSI Members



GeSI
GLOBAL e-SUSTAINABILITY
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ICT Sustainability Through Innovation



invent



Nokia Siemens
Networks



Lucent Technoloaies



We never stop working for you.



USTELECOM
UNITED STATES TELECOM ASSOCIATION

CARBON DISCLOSURE PROJECT



In accociation with:

