Smartphones and ICT for SDG 12

A multi-stakeholder partnership bringing public and private purchasing power, policy, civil society and industry together to make the smartphones and ICT ecosystem sustainable by 2030

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Did you know?
Of the 17 rare earth metals, 16 are included in smartphones and none are currently recovered.
Examples to act now:
1. Buy an advanced label

Energy consumption – Energy star

Circularity (1) – life time simple
- Availability of Spare Parts
- Capacity expansion
- Replacebility and life time of battery

Circularity (2) – repair & recyclability
- Easy disassembly, batteries, electric parts
- No plastics attached to metals
- 90% housing recycled content plastics and metals

Circularity (3) – process
- Brand owner lease, take back system (3rd party for reuse)
- Resource/CO2 compensation – Closing the Loop

Circularity (4) – design
- Standardized connector, fewer cables
- upgradability

Social & health
- No chemicals on list Reach, use protective workwear
- ILO core criteria, (OECD criteria)
- Health, safety, environmental management system
- Anti corruption management system
- Responsible sourcing
- Transparency
2. Closing the Loop: The service that funds the waste reduction

Inspired by Carbon offsetting

They call it One for One

Award Criterion: compensate resources of each new phone by extracting old phones for recycling by certified recycler
Next: Global design & chains

Impossible?

What demand would drive new products?
Collaborate - Partnership

- 3-4 years
- Commit to common ambition & integrated approach
- Common baseline & toolbox
- Initiate 2 pilots on sustainable ICT
- Share & publish experiences
- Shared cost model
  - Partnership contribution
  - Synergy in research, tools & guidance
- Annual event including meet the buyer

https://transform-together.weebly.com/
https://transform-together.weebly.com/case-studies.html
Deliverables 2019

- Partnership agreement – writing = now, signing sep/oct 2019
- 20 big buyers or more
- Roadmap ICT
- Best practises ICT
- Interest group
- Survey on available tools
- Guidance sustainable procurement ICT
- Criteria for tenders
- Joint Market Strategy
- International event meet the buyer
Big Buyers initiative
DG GROW

- Swedwatch (Sweden)
- Suedwind (Austria)
- CATAPA (Belgium)
- CEE Bankwatch Network (Central and Eastern Europe)
- Electronics Watch (Europe-wide)
- People & Planet (UK)
- SETEM Catalunya (Catalunya)
- Le Monde Diplomatique (Poland)
- ICLEI (Europe-wide)
- Towards Sustainability Association (Hungary)
Hop on! It’s already happening!
You don’t have to see the whole staircase
just take the first step

- Martin Luther King -