



WEEELABEX standards

Understanding the need to establish
WEEE Standards



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WEEE Forum

Expert Workshop on Possible Introduction of Recycling Certification in Asia
Hanoi , 10 July 2012



WEEE Forum



41 Members

- Amb3E
- Appliances Recycling
- Asekol
- Asekol SK
- Ecodom
- Ecoasimelec
- Ecofimatca
- Ecolec
- Ecologic
- Ecoped
- Eco-RAEE's
- ecoR'it
- Eco-systèmes
- Ecotic (ES)
- EcoTic (RO)
- EEPA
- Electro-Coord
- ElektroEko
- Elektrowin
- El-Kretsen
- el retur (DK)
- elretur (NO)
- Envidom
- Fotokiklosi
- ICT Milieu
- Lightcycle
- Lumicom
- RAEcycle
- Recicla Canarias
- Recupel
- Re.Media
- Repic
- Retela
- RoRec
- SENS
- SLRS
- SWICO
- UFH
- Wecycle
- WEEE Ireland
- Zeos

 Member






2,000,000t collected & reported



2002-11: 8,000,000t WEEE collected

2011: 2,000,000t collected

 Member organisation



Mission of the WEEE Forum

Our mission is to optimise the efficiency of member organisations' operations while striving for continuous environmental improvement.





WEEELABEX project

Improving quality of WEEE chain





WEEELABEX project

Objective 1

Environmental objective

Improving the
overall WEEE chain

Objective 2

Efficiency objective

Levelling
the playing field

Improved protection of the environment is the ultimate objective. The collection, sorting, storage, transportation, treatment and disposal of all kinds of WEEE today should be improved to prevent pollution, minimise emissions and maximise the recovery of secondary feedstock material.

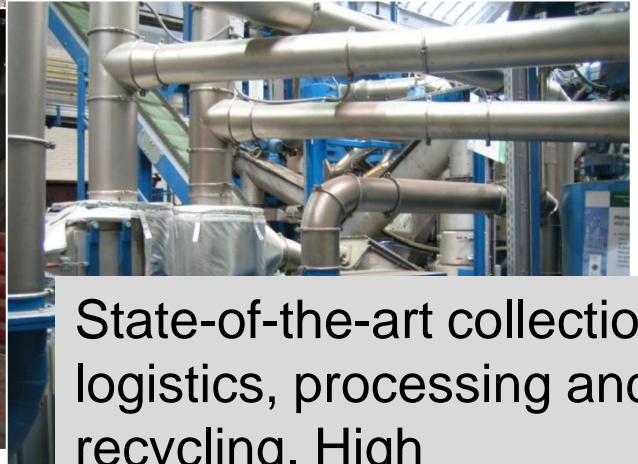
Excerpt from WEEELABEX
project proposal, 2008, page 10.



Improving quality of WEEE chain



Widespread and pervasive pollution.



State-of-the-art collection, logistics, processing and recycling. High occupational health and safety standards.



Level playing field means harmonisation

Harmonised set of
“normative
requirements”
(standards)

Harmonised rules
for conformity
verification (audits)

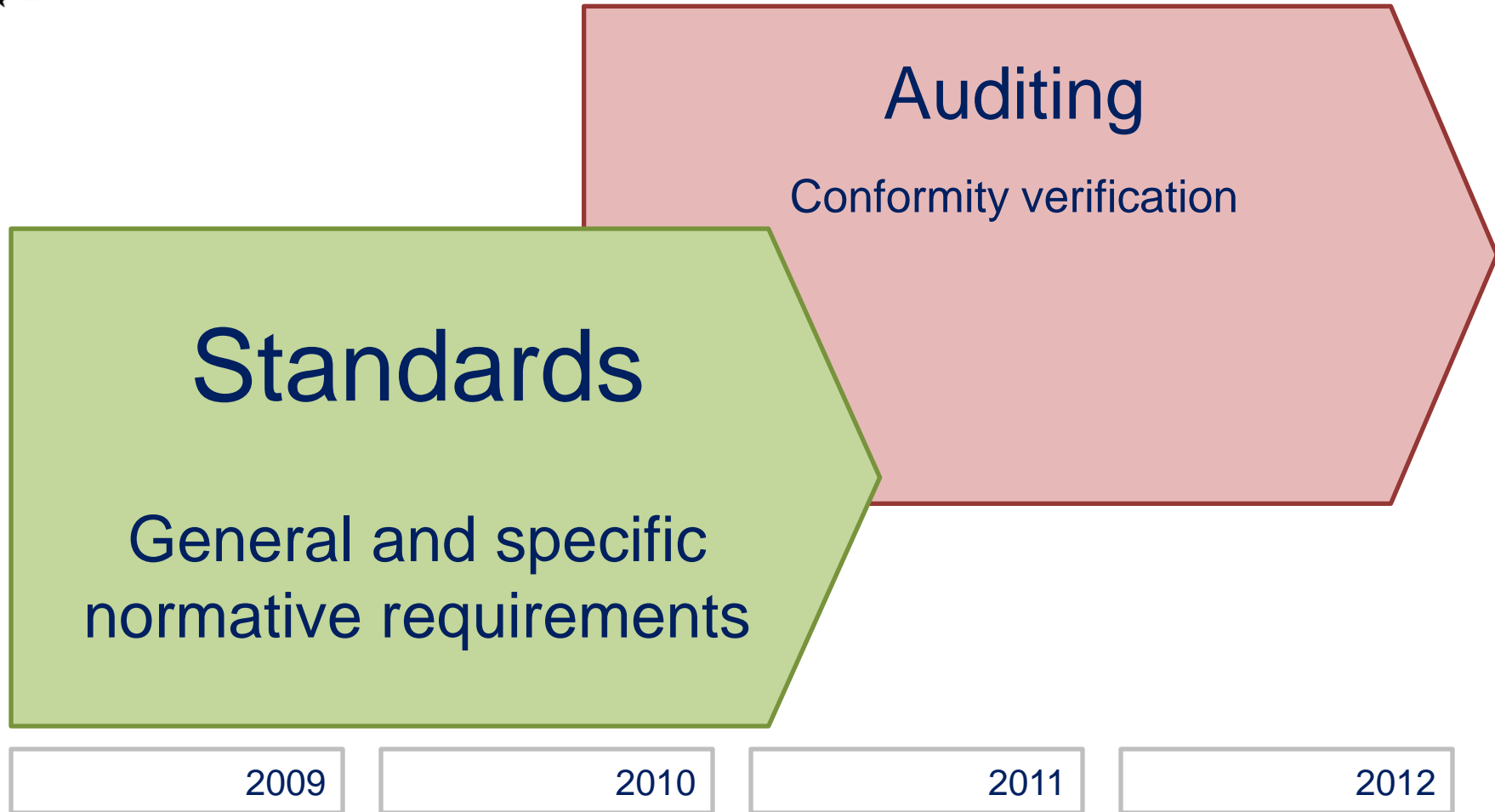
Harmonised
“roadmap
principles” for those
who implement
WEEELABEX

Harmonised
reporting by
operators

Harmonised training
of auditors



Standards and enforcement





WEEELABEX STANDARDS

WEEELABEX requirements for collection, logistics
& treatment of WEEE





Standards package





WEEELABEX

WEEELABEX: Collection

(includes collection requirements for flat panel displays, CRT, Lamps, cooling)

WEEELABEX: Logistics

(includes logistic requirements for Flat Panel Displays, CRT, Lamps, Cooling)

WEEELABEX: Treatment

(+ Annexes de-pollution, reporting tools)

WEEELABEX:
Flat panel displays

WEEELABEX:
CRT

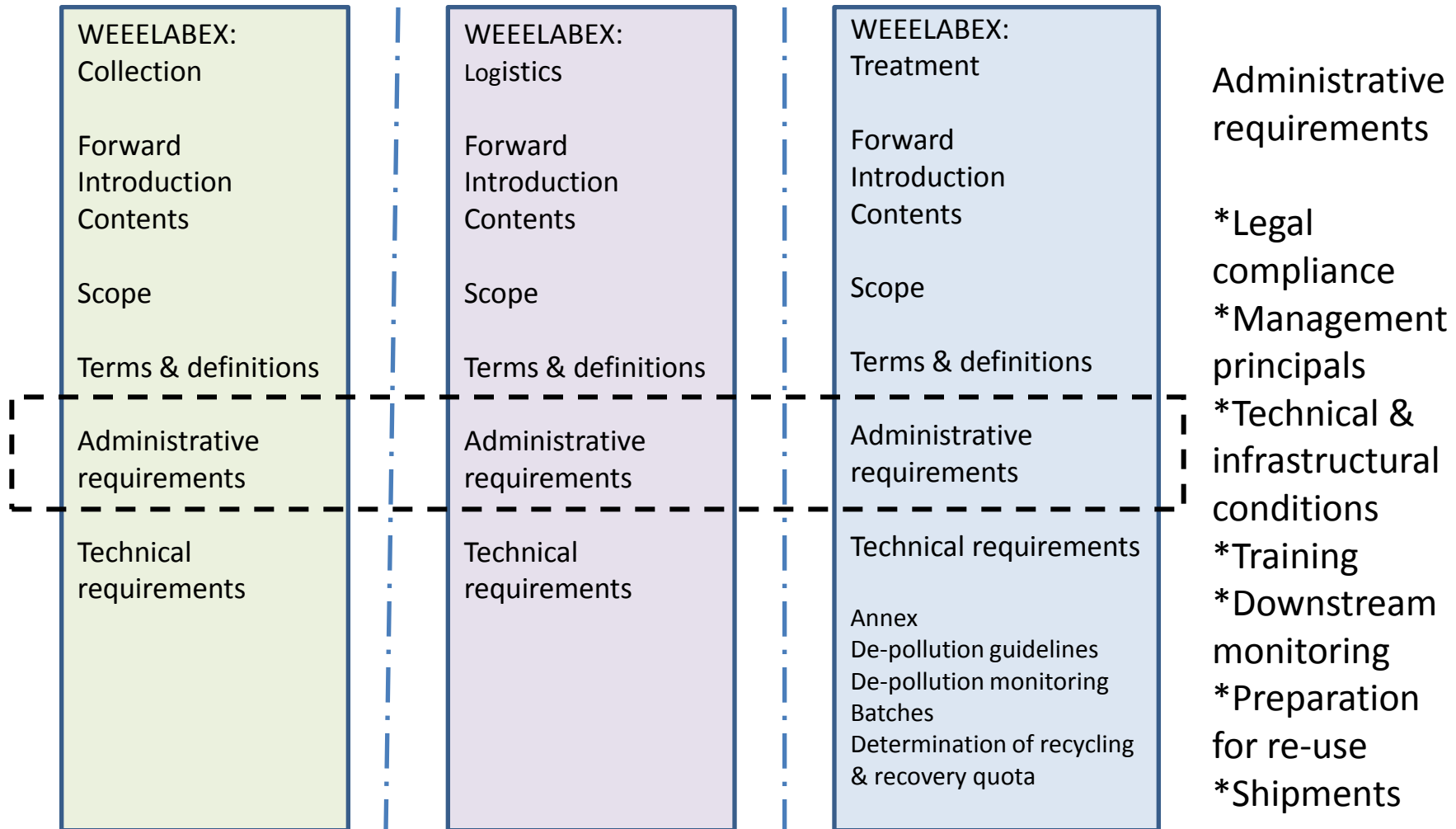
WEEELABEX:
Lamps

Cooling appliances



WEEELABEX

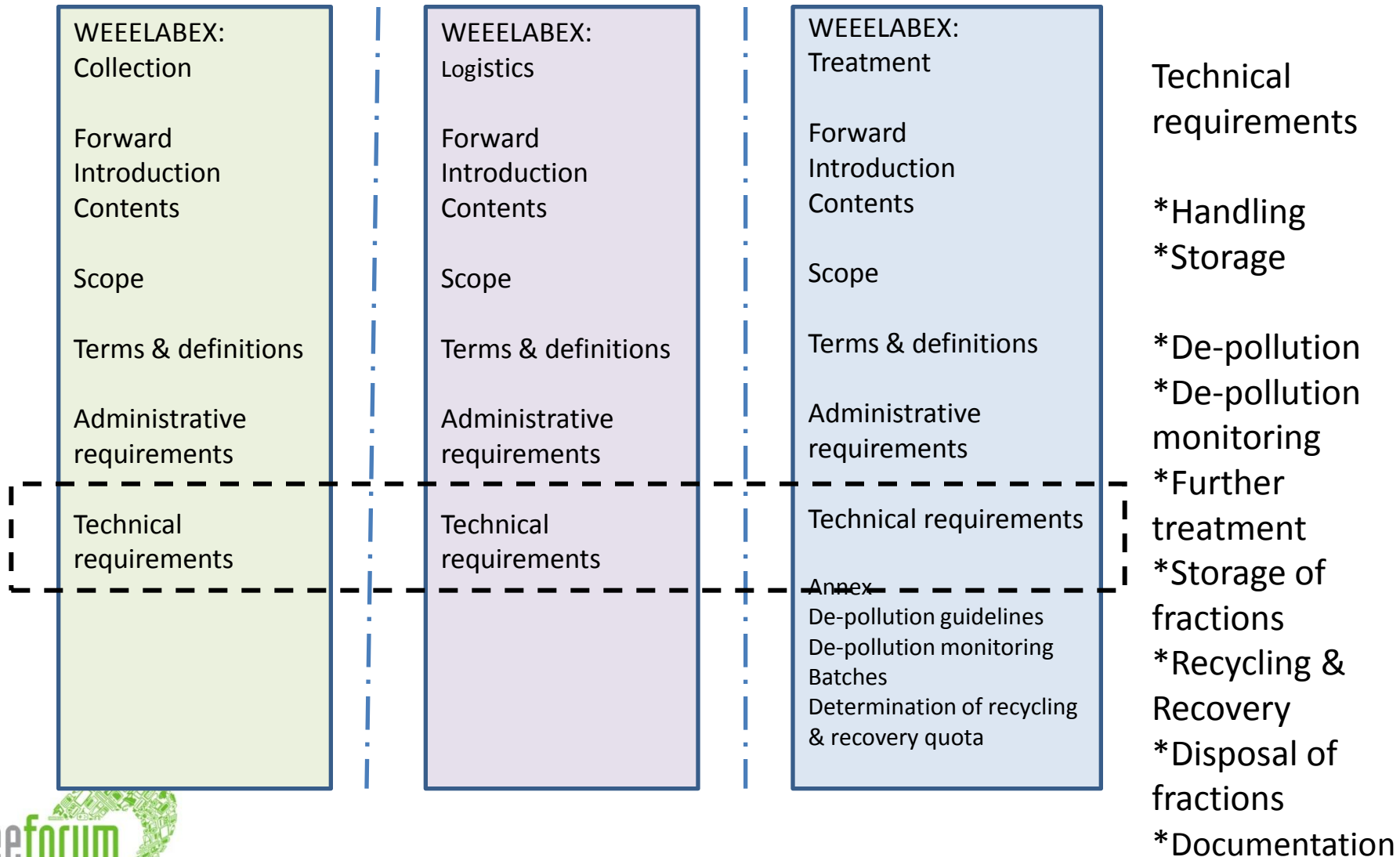
general requirements





WEEELABEX

general requirements





Storage Requirements

at collection, logistics & treatment facilities

Weatherproof covering

C & F Appliances



Lamps



All categories of WEEE

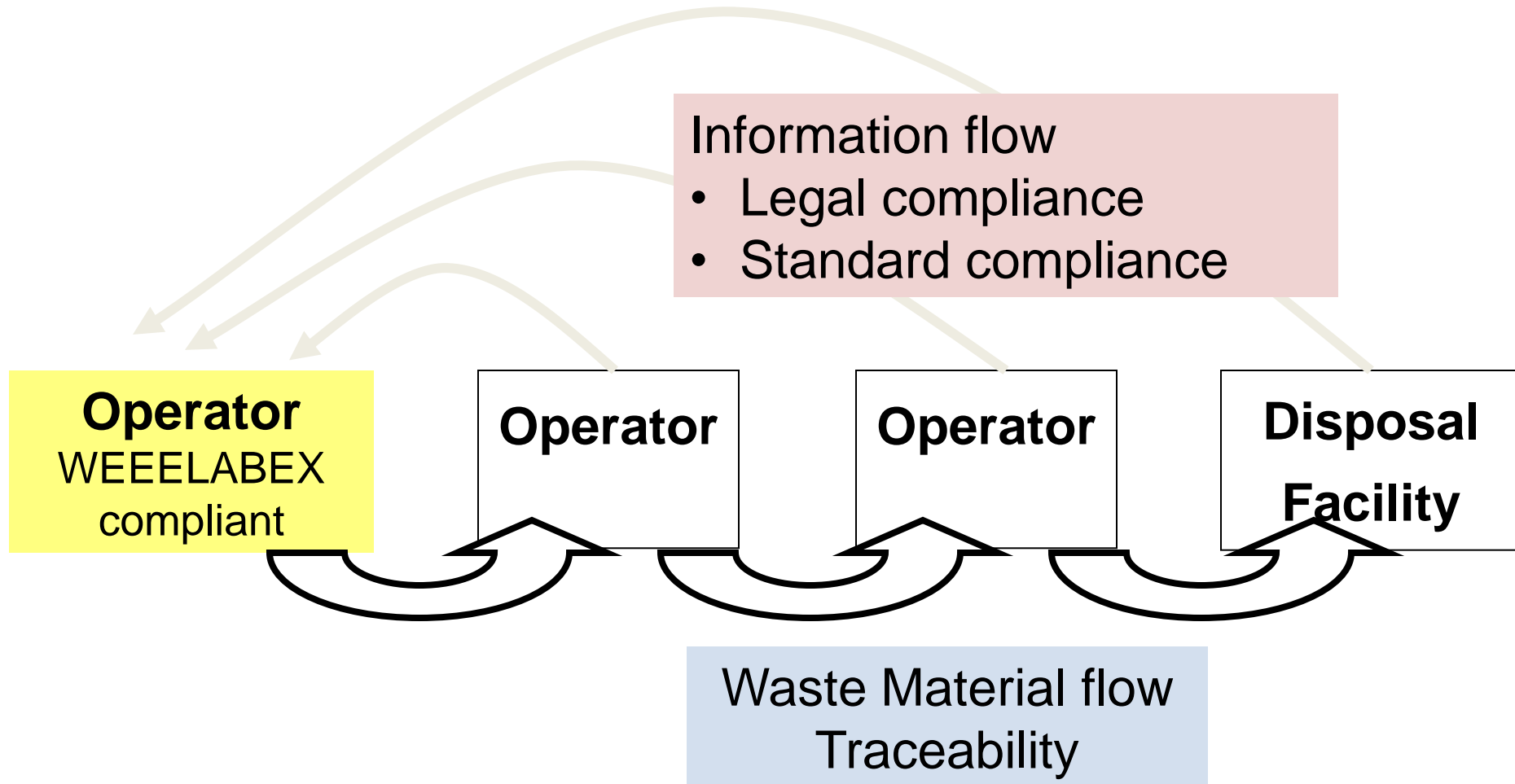
- CRT and Flat Panel Displays

Impermeable surface

Spillage collection facilities where appropriate



Downstream monitoring





Not WEEELABEX compliant



The novelty of WEEELABEX

Ambitious,
comprehensive
and coherent set
of technical
normative
requirements

Immediate
impact on the
entire WEEE
chain across
Europe

Global
resonance

WEEELABEX
standards are
being processed
into EN
standards

Harmonised
material flow
management

Continental
scheme of
conformity
verification



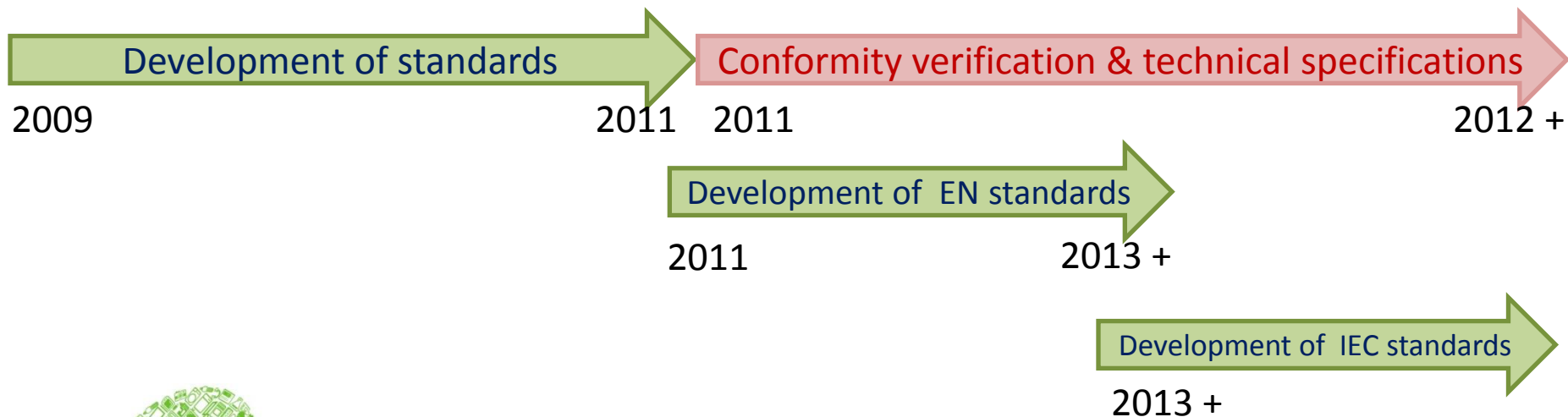
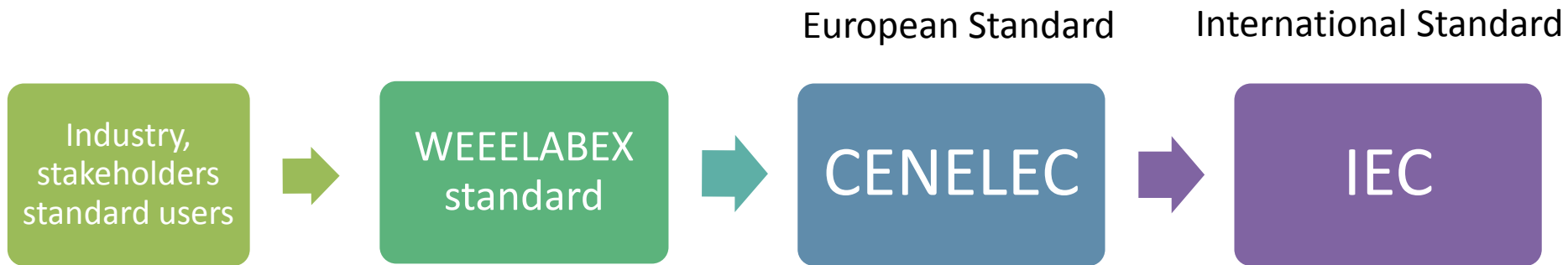
WEEE STANDARDS

The future of WEEELABEX





WEEELABEX standards





BENEFITS OF STANDARDS

Standardization: a key instrument to promote
Innovation & competitiveness



Harmonisation

Standards contribute to harmonisation:

1. Market instruments

For voluntary harmonisation

2. Legislative & policy instruments

Standards related to legislation & policy



Standards Vs. Legislation

Standards

- Voluntary
(unless mandated by legislation)
- Consensus of stakeholders
- Developed by private stakeholders
- Provide technical specifications & test methods for products, services, & processes
- Harmonisation

Legislation

- Mandatory
- Imposed by law
- Established by authorities
- Requirements to protect public interests
- Harmonisation

Can make use of standards by referencing them



Promote competitiveness

Standardisation increases competitiveness

- Shapes the single market
- Integrates all stakeholders interests through national committees
- Efficient co-regulation tool where legislation follows the “state of the art”
- Fosters economic growth



Encourages innovation

Standardisation encourages innovation

- Enables industry to achieve knowledge transfer, cost & risk reduction, faster time to market & high value innovations
- Crates a level playing field for all market participants



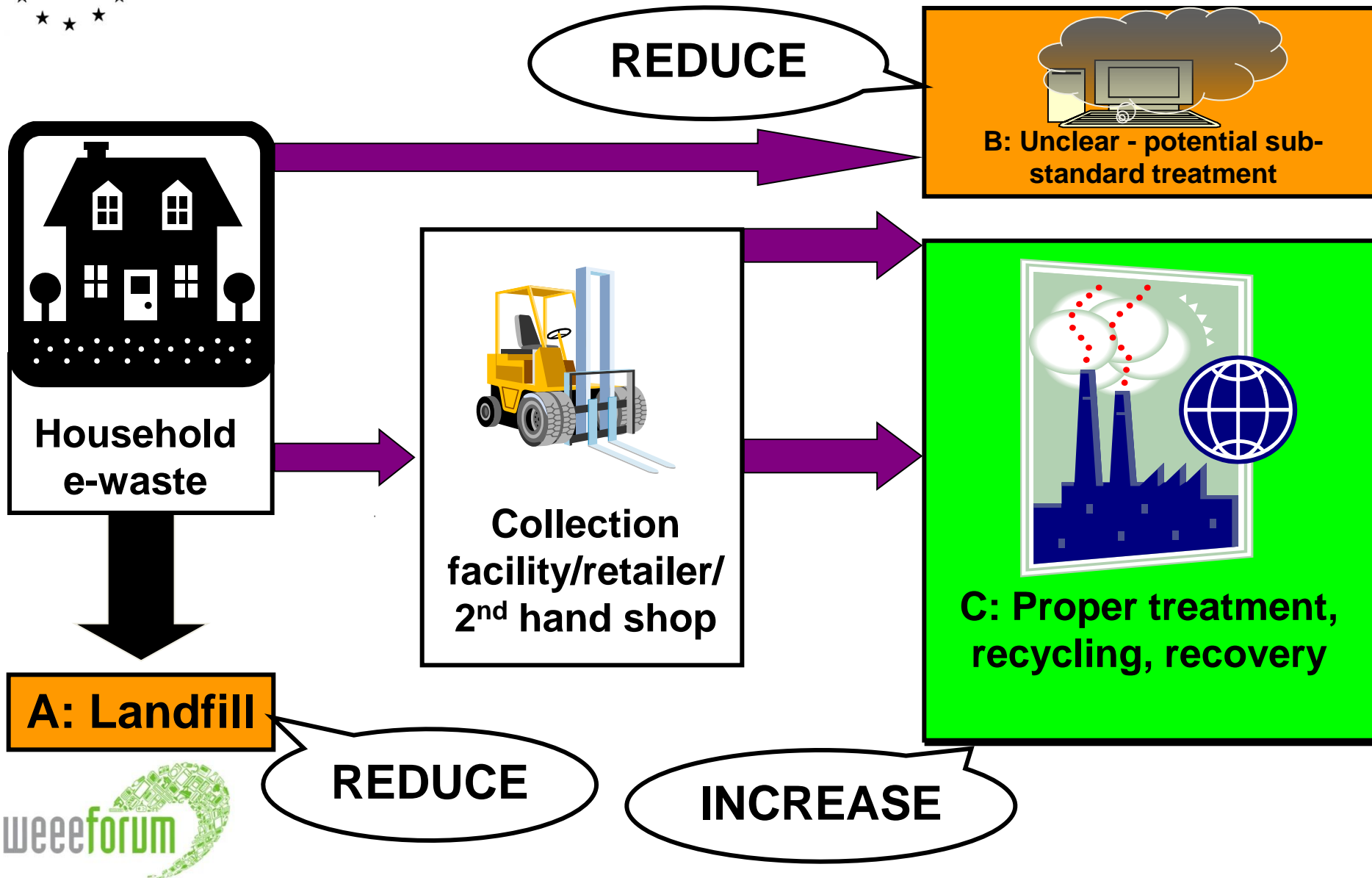
BENEFITS OF WEEELABEX

Standardization: a key instrument to promote
Innovation & competitiveness





WEEELABEX TO INCREASE TREATMENT RATE AND REDUCE ADMINISTRATIVE BURDENS





WEEELABEX standards

Harmonisation of WEEE standards will:

- Improve the environmental performance of the overall WEEE chain,
- Allow benchmarking of WEEE collection, logistics & treatment services,
- “Level the playing field” for operators working in the WEEE field,
- Promote a common technical understanding, and
- Generate cost savings.



Producers, Take Back Organisations & Consumers



- Corporate responsibility & commitment to environmental protection
- Open and transparent
- Cost savings



Logistic & Treatment Operators



- Clarification of technical requirements
- Investment in appropriate treatment technologies
- Open and transparent



Authorities & NGOs



- Open and transparent
- Monitoring & enforcement
- “Close the loop”



Thank you

See

<http://www.weee-forum.org/weeelabproject>
for standards, FAQ and watch list

Or get in touch with the WEEE Forum:
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