



## Online Workshop/Webinar on Role of Standards & Policy in Resource Efficiency and Circular Economy Transition in India and the EU

January 21, 2022, at 14:00 – 17:00 Hrs. (IST) / 09:30 – 12:30 Hrs. (CET)

### Environmental Coalition on Standards

Promoting environmentally friendly technical standards, policies and laws all around the world

Pamela Tarif  
Head of Global Engagement



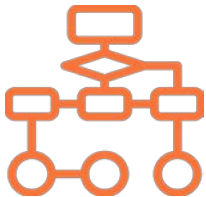
# About ECOS



international environmental NGO



technical expertise



network of members & experts

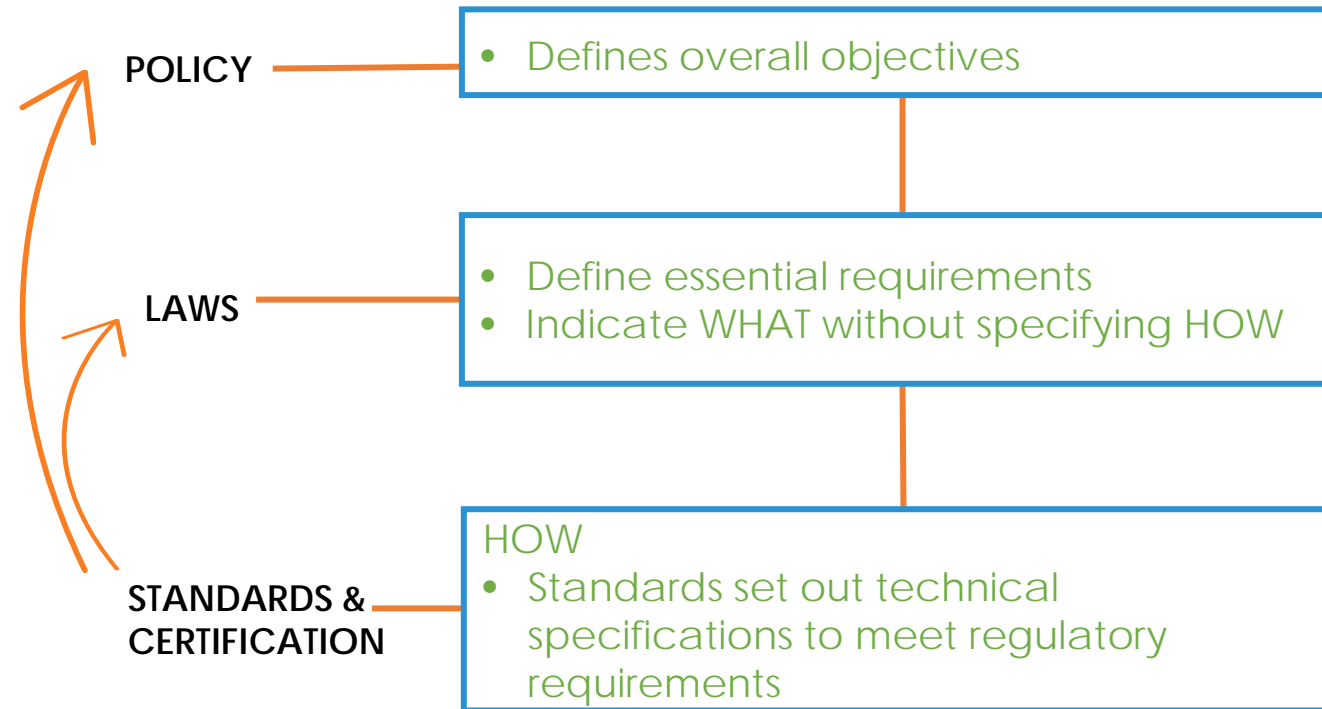


# ECOS mission

- Ensure high quality standards that benefit environment, society & business
- Enhance the environmental voice in standards development at national, regional and international level
- Ensure Standards enable the Sustainable Development Goals & environmentally-friendly technologies
- Ensure standards do not replace legislation, and those that help implement environmental legislation are fit-for-purpose



# Standards and Public Policy/Legislation

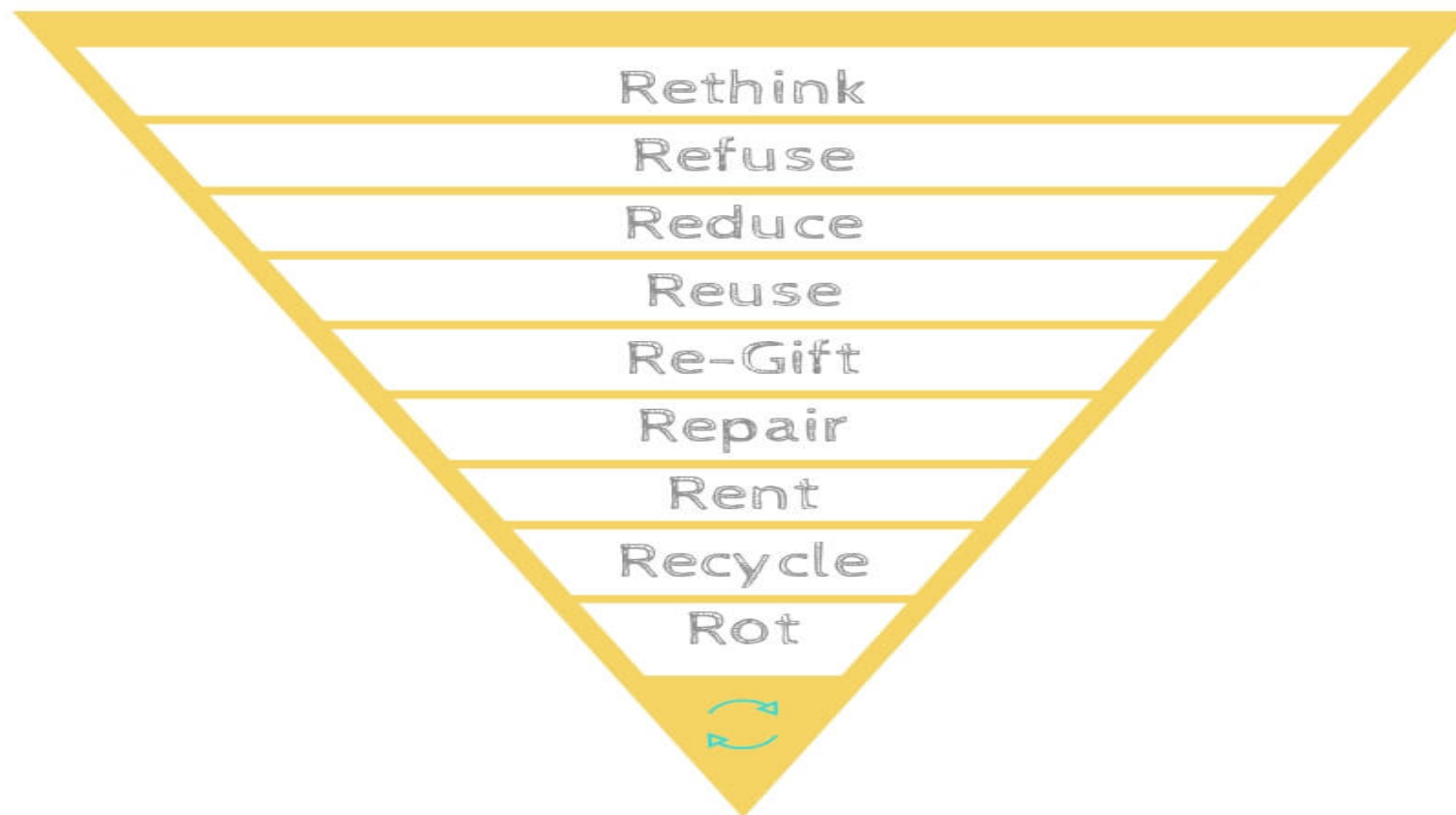


# Our work programme

DECARBONISING KEY SECTORS	MAKING OUR PRODUCTS CIRCULAR	DEVELOPING SOUND ENVIRONMENTAL TOOLS
 <b>Sustainable buildings</b> <ul style="list-style-type: none"> <li>Improving the energy performance of buildings</li> <li>Decarbonising heating &amp; cooling</li> <li>Smart homes &amp; buildings</li> </ul>  <b>Clean energy</b> <ul style="list-style-type: none"> <li>Renewable energy &amp; grid integration</li> <li>Electric Vehicles</li> <li>Hydrogen</li> <li>Bioenergy</li> <li>Natural refrigerants</li> </ul>  <b>Reducing energy consumption of products with ecodesign &amp; energy label</b>  <b>Decarbonising energy- intensive industries</b>	 <b>Applying <u>ecodesign</u> to all products</b> <ul style="list-style-type: none"> <li>Plastics</li> <li>Household appliances</li> <li>Textiles &amp; furniture</li> <li>Electronics</li> <li>Batteries</li> <li>Automotive</li> <li>Construction products</li> <li>Chemicals &amp; waste</li> <li>Food systems &amp; bio-based products</li> </ul> 	 <b>Defining and measuring circularity</b> <ul style="list-style-type: none"> <li>Circular Economy Management &amp; Tools</li> <li>Material efficiency standards</li> <li>Repairability score</li> <li>Environmental Management &amp; Life Cycle Assessment</li> </ul>  <b>Measuring climate performance</b> <ul style="list-style-type: none"> <li>Carbon neutrality &amp; accounting</li> <li>Adaptation to Climate Change</li> <li>Geoengineering</li> </ul>  <b>Measuring environmental health</b>  <b>Green claims &amp; transparent markets</b>  <b>Environmental finance</b>



# Circular economy: Debate and consensus





# EN 4555x series: comparing circular features across brands



## Environmentally sustainable by design – thanks to new standards

2020 saw the publication of the EN 4555X standard series. A culmination of several years' worth of our efforts, the standards will support the introduction of ecodesign requirements on material efficiency aspects such as recyclability, repairability or durability for a number of products, including fridges, dishwashers and washing machines.



# Circular electronics & e-waste challenge

- E-waste contains a high number of precious materials most of which are lost after single use
- Of the 83 stable/non-radioactive elements in the periodic table, more than 60 are used to produce complex electronic products such as smartphones, including 16 (of 17) rare earth elements
- E-waste contains substances dangerous to human health and the environment, including mercury, lead and cadmium





# Thank you!

Pamela Tarif • Head of Global Engagement - [pamela.tarif@ecostandard.org](mailto:pamela.tarif@ecostandard.org)

Fanny Rateau • Programme Manager - [fanny.rateau@ecostandard.org](mailto:fanny.rateau@ecostandard.org)



Environmental Coalition on Standards

Mundo-b, the Brussels  
Sustainable House  
Rue d'Edimbourg, 26  
1050 Brussels, Belgium

+32 2894 4668  
[info@ecostandard.org](mailto:info@ecostandard.org)

[www.ecostandard.org](http://www.ecostandard.org)



ECOS is co-funded by the European Commission & EFTA and a range of sources including foundations and membership fees

