

# Technology within the “2030 Agenda for Sustainable Development”

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Regional Workshop on Innovative Technologies for Waste Management in the Arab Region - Paving the Way for Transition to a Green Economy  
29-30 September, 2015 - Casablanca, Morocco



UNITED NATIONS

الاسكوا  
ESCWA

40  
YEARS

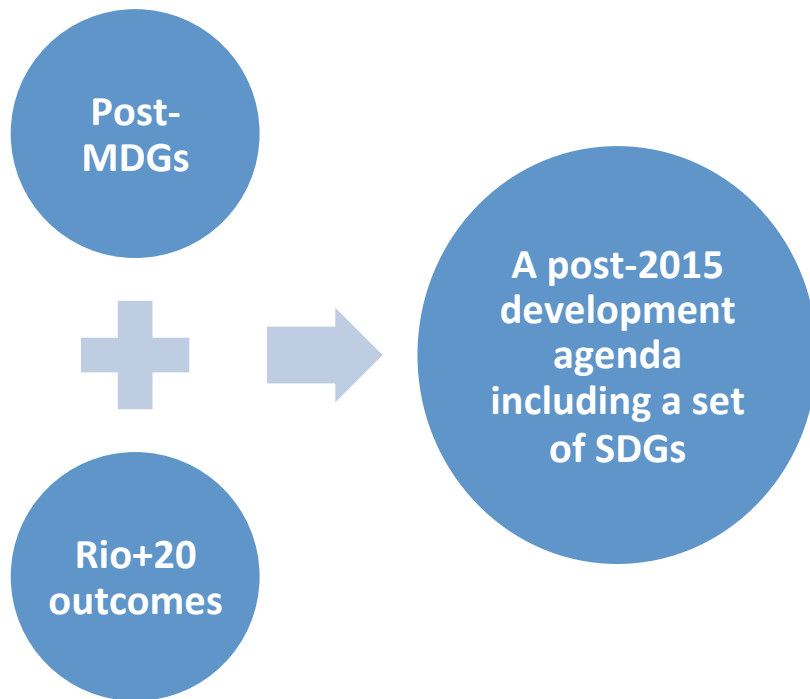
# Outline

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- Background (towards a new global development agenda)
- Components of the “2030 Agenda for Sustainable Development”
- Science, Technology and Innovation (STI) in the “2030 Agenda for Sustainable Development”
- Technology and waste management in the SDGs
- Technology within the Means of Implementation (MoI) of the “2030 Agenda for Sustainable Development”
- Reflections

# Why is the “post-2015 development agenda important”?

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## Importance in process ...

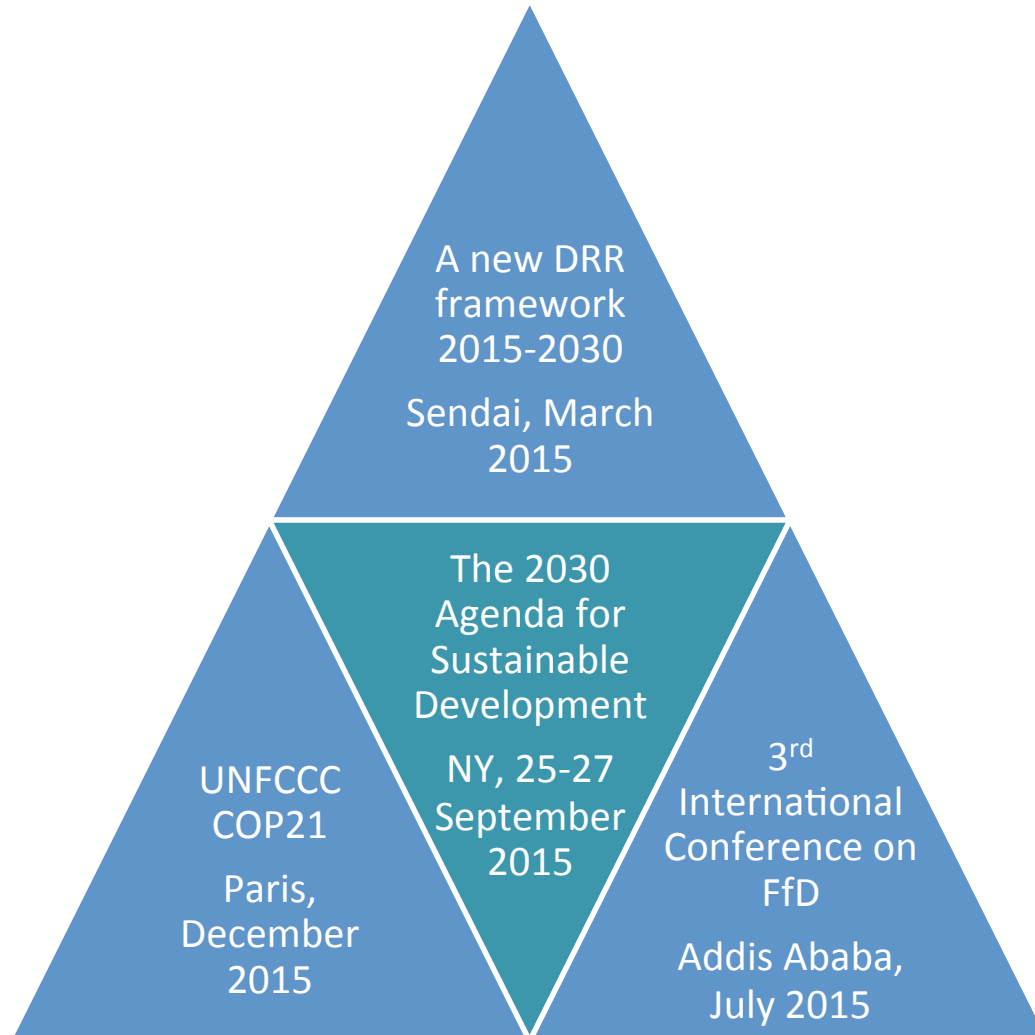
- Inter-governmental (OWG)
- Participatory (Specialized agencies)

## Importance in content ...

- A **clear and people centered** vision
- A **balanced** agenda that addresses MDG gaps
- A **recognition of key challenges** including peace, security and governance
- A **universal** agenda applicable to developed and developing countries alike
- An **integrated** agenda that balances SD pillars and mainstreams Mol in every goal

# 4 integrated processes making 2015 a critical year

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# The 4 components of “The 2030 Agenda for Sustainable Development”

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(1) A clear vision for the future

(2) A set of SDGs  
(17 goals and 169 indicators)

(3) A participatory monitoring framework and accountability mechanism

(4) A global partnership to mobilize MoI

The “Advance unedited” version of the outcome document of the UN Sustainable Development Summit 2015 “**Transforming Our World: the 2030 Agenda for Sustainable Development**”

is available at:

<https://sustainabledevelopment.un.org/post2015/summit>

# The 4 components of “The 2030 Agenda for Sustainable Development”

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- An action plan for **people, planet and prosperity**
- A pledge that **no one will be left behind**
- **Political will** to achieve a world free of **poverty, hunger, disease and want**
- The Principle of **Common But Differentiated Responsibilities (CBDR)**
- **Right to self determination** of peoples living under foreign occupation
- **Women empowerment and gender equality**
- Support to **vulnerable countries**
- ...

(1) A clear vision for the future

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# The 4 components of “The 2030 Agenda for Sustainable Development”

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- **Some targets are still vague** (e.g. substantive increase of ...)
- A discussion of the indicators within the Commission on Statistics, noting that **agreement on the indicators is expected after the Summit** (March 2016 proposed)
- **More than 100 indicators** expected!!?
- ...

# The 4 components of “The 2030 Agenda for Sustainable Development”

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- **Voluntary and country-led**
- National level processes will be the **foundation for reviews at regional and global levels**
- Help **mobilize** the necessary **means of implementation and partnerships**
- Rigorous and **based on evidence and data** which is **high-quality, accessible, timely, reliable** and **disaggregated by income, sex, age, race, ethnicity, migration status, disability** and **geographic location**, etc.
- Benefit from **existing review mechanisms** (especially UN-led) to reduce burden
- ...

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# The 4 components of “The 2030 Agenda for Sustainable Development”

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- FfD: The **AAAA** was Adopted in July 2015
  - Recognizes the **need for Global Partnership** that works in a spirit of global solidarity
  - Identifies **Finance, Technology, Capacity Building and Trade** as main pillars for MoI
- The **COP21** in Paris, December 2015:
  - Will be critical in terms of mobilizing green finance through the **Green Climate Fund**
  - **Developing countries want to separate green financing from ODA**, considering that the former is linked to historical responsibility for CC and the Polluter Pays principle
  - ...

# Role of ESCWA



A series of informative and consultative processes that helped to develop regional perspectives and channel them to the global level

Arab regional preparations for Rio+20 and support to member countries in the implementation of its outcomes

Arab regional preparations for the post-2015 agenda, HLPF sessions, FfD and CC negotiations

Arab High-Level Forum on Sustainable Development (2014 and 2015 sessions)

Arab Sustainable Development Report (prototype edition)

# TRANSFORMING OUR WORLD: THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

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“The new Agenda deals with the means required for implementation of the Goals and targets. We recognize that these will include the mobilization of financial resources as well as capacity-building and the transfer of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed.” Para. 41

STI (Science, Technology & Innovation) in the SDGs:

- “**Science**” is stated 3 times in the SDGs and targets vs. none in the MDGs
- “**Technology**” is stated 20 times in the SDGs and targets vs. only once in the MDGs
- “**Innovation**” is stated 7 times in the SDGs and targets vs. none in the MDGs
- “**Waste**” is stated 3 times in the SDGs and targets vs. none in the MDGs

# Technology and waste management in the SDGs

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Examples from the Goals and Targets:

**Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all**

8.4 .... and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programmes on sustainable consumption and production, with developed countries taking the lead

**Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**

9.4 By 2030, ... increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes ...

9.B Support domestic technology development, research and innovation in developing countries, ....

# Technology and waste management in the SDGs

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Examples from the Goals and Targets (cont.):

## **Goal 11 Make cities and human settlements inclusive, safe, resilient and sustainable**

11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

## **Goal 12 Ensure sustainable consumption and production patterns**

12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

## **Goal 17 Strengthen the means of implementation and revitalize the global partnership for sustainable development**

17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed

# STI in the Addis Ababa Action Agenda (16 July 2015)



- The Action Agenda called for **establishing a technology facilitation mechanism**, to be launched at the 2015 UN Summit to support the SDGs.
- The mechanism is **to be based on a multi-stakeholder collaboration** between Member States, civil society, the private sector, the scientific community, United Nations entities and other stakeholders.
- The mechanism will comprise of :
  - **A United Nations inter-agency task team** on STI for the SDGs
  - A collaborative **annual multi-stakeholder forum** on STI for the SDGs
  - **An online platform** as a gateway for information on existing STI initiatives, mechanisms and programs

The **meetings of the high-level political forum will be informed by the summary of the multi-stakeholder forum** and taking into account expert inputs from the task team.

# UN Interagency Task Team on STI for the SDGs

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- **Promoting coordination, coherence and cooperation within the United Nations system** on STI related matters, enhancing synergy and efficiency, in particular to enhance capacity-building initiatives.
- Work with 10 representatives from civil society, the private sector and the scientific community to **prepare the meetings of the multi-stakeholder forum on STI for the SDGs, and in the development and operationalization of the online platform**
- **Current composition:** (DESA), (UNEP), (UNIDO), (UNESCO), (UNCTAD), (ITU), (WIPO) and (WB).
- **Participation will be opened for all United Nations** agencies, funds and programmes and the functional commissions of the Economic and Social Council.

# The multi-stakeholder forum on STI for the SDGs

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- An annual 2-day event to discuss STI cooperation around thematic areas related to the implementation of the SDGs, with active contribution from all relevant stakeholders.
- A venue that facilitates interaction, matchmaking and the establishment of networks and multi-stakeholder partnerships in order to identify and examine technology needs and gaps, including on scientific cooperation, innovation and capacity-building.
- Help facilitate the development, transfer and dissemination of relevant technologies for the SDGs.
- The forum is proposed to be convened by the President of the Economic and Social Council before the meetings of the high-level political forum on sustainable development.
- The forum will be co-chaired by two Member States and will result in a summary of discussions elaborated by the two co-Chairs, as an input to the meetings of the high-level political forum, in the context of the follow-up and review of the implementation of the post-2015 development agenda.



# The Online Platform

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- Aims to:
  - Establishes a **comprehensive mapping of**, and serve as a gateway for, information on **existing science, technology and innovation initiatives, mechanisms and programmes**, within and beyond the United Nations.
  - Facilitates **access to information, knowledge and experience**, as well as **best practices and lessons learned, on science, technology and innovation facilitation initiatives and policies**.
  - Facilitates the **dissemination of** relevant open access **scientific publications** generated worldwide.
- Will be **developed on the basis of an independent technical assessment** which will take into account **best practices and lessons learned from other initiatives**, within and beyond the United Nations.
- Will **complement**, facilitate access to and provide adequate information on **existing science, technology and innovation platforms**, thus avoiding duplications and enhancing synergies.

# Reflections

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- The post MDGs concept has shifted into a holistic global intergovernmental process that relates to ongoing processes, e.g. climate change negotiations, Disaster Risk Reduction, and Financing for development.
- Technology and technology transfer is one of the four main pillars that comprise the Means of Implementation of the 2030 Agenda for Sustainable Agenda.
- The AAAA proposed a holistic conceptual framework (a United Nations inter-agency task team, a multi-stakeholder forum, and an online platform) that utilizes technology in implementing the SDGs.
- The need to take into account the local and regional specificities in technology selection so as to ensure that the selected technologies are environmentally sound, economically feasible and socially acceptable.
- National and local challenges for tech. transfer and tech. development (legal, institutional, financial, technical,...).

**THANK YOU**

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Economic And Social Commission For Western Asia



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