

# Technology Needs Assessment Project

A GEF Funded project



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# Technology Needs Assessments?

*- climate technology pathways for implementing the Paris Agreement*

- Technology Needs Assessments are a set of activities that identify and analyse climate change mitigation and adaptation technology priorities of developing countries.
- **country driven, implemented by national TNA teams**
- **stakeholder involvement**
- **capacity building**
- **align with national development objectives and NDC**
- **explore synergies with other national processes, strive towards implementation of countries pledges under the Paris Agreement**
- *Implemented by UN Environment through UNEP-DTU and the EPA of Liberia*

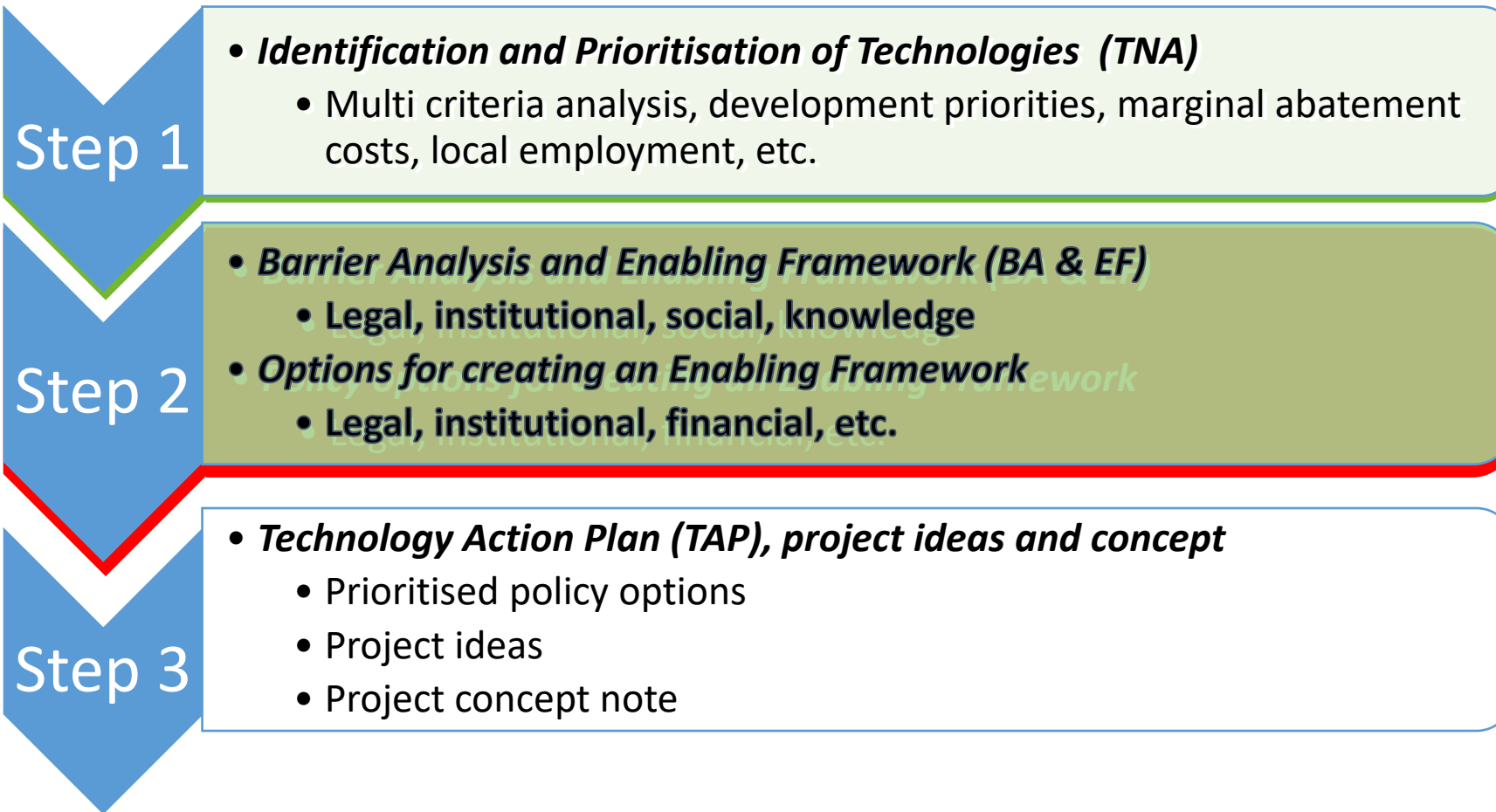
# TNA Geographical Scope



## TNA Phase III, participating countries

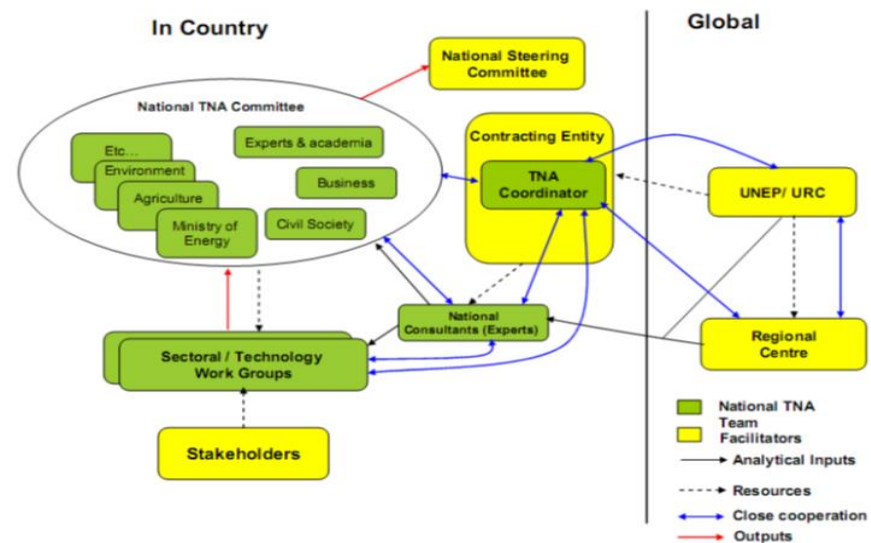
- *Africa & Eastern Europe*
  - Benin, Central African Republic, Chad, Djibouti, Eritrea, Guinea, Liberia, Niger, Haiti, Sao Tome and Principe, Uganda, Ukraine
- *Asia & Asia Pacific*
  - Afghanistan, Fiji, Myanmar, Nauru, Vanuatu
- *Caribbean*
  - Antigua and Barbuda, Dominica, Jamaica, Trinidad & Tobago, Suriname

## *Steps: From TNA to TAP*



# *Institutional Structure TNA*

- The TNA team of Liberia comprised of the core group of persons engaged in the TNA project and it includes the National TNA Coordinator, the National Climate Change Steering Committee (NCSSC), the National Consultants for Mitigation and Adaptation, and three (3) Sectoral Working Groups (SWGs) (one for mitigation and two for adaptation).



## *Inception Mission*

- The mapping of stakeholders took place during each stage of the TNA process. The first engagement was during the Inception Workshop held on 23rd – 26th October 2018 at the EPA Conference Hall in Monrovia, Liberia.



# Stakeholder Consultations



Inception Mission in Liberia, 2018.

# *Stakeholder Consultations*



In route to meet some Stakeholders, 2018.

## *First Step: First Stakeholder Consultations*

- On 1st of April 2019, a national stakeholder's TNA engagement workshop for the prioritization of technologies in Liberia was held at the Lutheran Church Compound 13th Street in Sinkor, Monrovia.

# *First Stakeholder Consultation*



## *MCA Results for Sector A (Agriculture)*

Rank	Technology
1	Value addition to agriculture products
2	Improve storage (drying and freezing of agriculture products)
3	Integrated Soil Fertility Management
4	Crop Diversification and new varieties
5	Irrigation
6	Ecological pest management
7	Mixed farming

## *MCA Results for Sector B (Coastal Zone)*

<b>Rank</b>	<b>Technology</b>
<b>1</b>	Integrated Coastal Zone Management (ICZM)
<b>2</b>	Flood early Warning System (FWS)
<b>3</b>	Rock/ Amor Revetment
<b>4</b>	Groynes
<b>5</b>	Sea-walls
<b>6</b>	Beach Nourishment
<b>7</b>	Coastal Wetland Protection & Restoration
<b>8</b>	Restoration of coastal vegetation (Coconut trees, Almond trees, Mangroves & etc.)

# *MCA Results for Sector A(Energy Sector)*

<b>Rank</b>	<b>Technologies:</b>
1	Solar Home PV System
2	Solar PV Grid-tied
3	Small Hydropower
4	Improved clean cook stove
5	Solar dryer
6	Briquette Production
7	Solar Lantern
8	Biodiesel
9	Biogas Digester
10	Methane Capture from Landfill

# Few Pictures from the 2<sup>nd</sup> Step

*January 9, 2020*

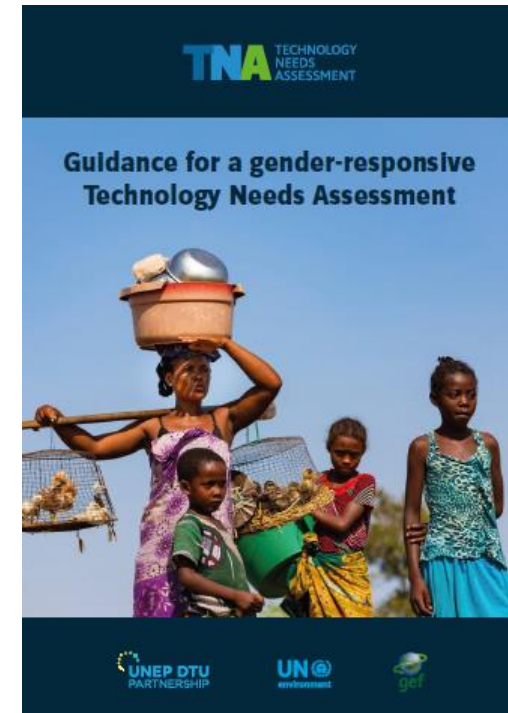
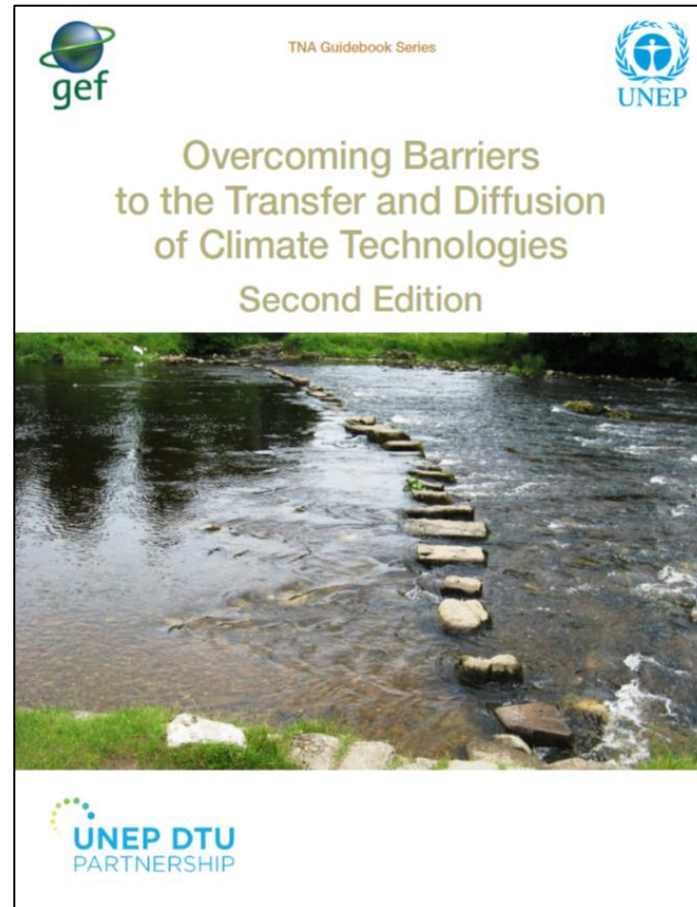
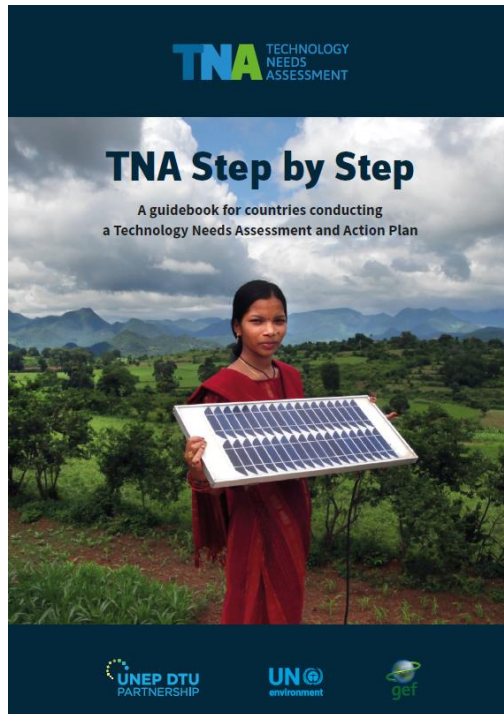




# Challenges

- ❖ *Inadequate funding to conduct a wide stakeholder consultation (112k-90% goes to Consultants)*
- ❖ ***No budgetary allotment for National Coordinator***
- ❖ *No financial support to facilitate the sitting of the National Climate Steering Committee and Town Hall meeting for Political Acceptance*
- ❖ ***No Contribution to the NDC and other ongoing processes***

# Guide books



Find Report on Liberia here: [https://tech-action.unepdtu.org/tna\\_database/?fwp\\_tna\\_database\\_type=tna\\_report&fwp\\_tna\\_reports\\_region=liberia](https://tech-action.unepdtu.org/tna_database/?fwp_tna_database_type=tna_report&fwp_tna_reports_region=liberia)

# *Balika!*

*Thank you for Listening...*

