

# Development of rPET Standards in Ghana

## An Accelerator for Circular Transition

Oliver Boachie

Ministry of Environment Science, Technology & Innovation (MESTI)

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# Drivers for rPET Standardization

- ❑ Population and Rising Middle Class in Ghana.
- ❑ Corresponding increase in the use of plastics packaging.
- ❑ National Plastics Management Policy based on Circularity
- ❑ rPET Standards good strategy to accelerate Circular transition
- ❑ Strategic Decisions by multinationals to offer rPET packaging
  - Coca-Cola Company, Nestle, Guinness
- ❑ Other factors for growth of rPET market
  - The increasing awareness of the environmental impact of plastic pollution.
  - The growing availability of post-consumer PET bottles.
  - The emergence of new technologies and innovations for recycling PET.

# Ghana's rPET Standards Development Initiative

- ❑ Ghana Recycling Initiative by Private Enterprise (GRIPE) took initiative in 2022
  - Partnership With Government to develop standards for the use of rPET for packaging.
- ❑ Collaboration involving MESTI, Ghana Standard Authority (GSA) and GRIPE
  - Goal of launching national rPET standards by the end of 2024.
- ❑ Other members of GRIP: DOW, Voltic, Guinness Ghana, the Mohinani Group, Unilever.
- ❑ GRIPE Members pledged to provide funding
- ❑ The World Bank Group joined the coalition to provide additional funding
  - **Technical Assistance**
  - **Under the Bank's ProBlue Trust Fund Initiative.**
- ❑ AIMPLAS contracted to provide technical support for the project
  - International consulting firm based in Spain,.

# The Process

## □ The project in 2-Phase process:

- Phase I: Development of the National Standards
- Phase II: Sensitization, Promotion and Advocacy for the National Standards

## □ Phase I (Development of the National Standard) involves six (6) stages:

1. Proposal Stage
2. Preparatory Stage
3. Committee Stage
4. Enquiry/Public Review Stage
5. Approval Stage
6. Publication Stage

# Specifications & Scope of Standards

## ☐ Specifications

- Based on requirements from GRIPE
- Complimented with other industry standards

## ☐ Alignment with International Standards

- Must be in alignment with International Standards such as:
  - African Continental Standards
  - ISO

# Timelines for Phase I: Standards Development

Stage	Duration	Status
Proposal		Completed
Preparatory	4 Weeks	Completed
Committee	4 Weeks	
Public Review	12 Weeks	
Approval	2 Weeks	
Publication	2 Weeks	
<b>TOTAL</b>	<b>24 Weeks</b>	

# Next Steps in Phase I

- ❑ The GSA is preparing to hold meetings of the National Technical Committee
  - From the 22<sup>nd</sup> to 24<sup>th</sup> January 2024
  - To review the drafts and build consensus in the development of National Standards for rPET.
- ❑ Revised drafts approved by the National Technical Committee shall be made available and circulated to interested parties
  - To Public for their feedback during the public enquiry / review stage.
  - Interested parties abroad shall be notified through the World Trade Organization (WTO) platform
  - For the notification of mandatory standards and regulations.
- During the Approval Stage, feedback received shall be reviewed by the National Technical Committee and necessary modifications made, if needed, for the release of a Final Draft Ghana Standard(s) for publication.
- The GSA shall ensure the Final Draft Ghana Standard(s) meets the requisite requirements, is published both in hard and soft copy format and a notification of the publication made in the national gazette.
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## Phase II: Sensitization, Promotion and Advocacy

- ❑ The project scope includes sensitization, promotion, and advocacy.
  - To be done in Phase II
- ❑ The rPET Standard(s) shall be compiled as a compendium or code
- ❑ Ghana rPET code would then be launched.
- ❑ The launch will be followed by a workshop
  - Reporters and editors
- ❑ Regional workshops for waste management companies, collectors, pet bottle manufacturers and food and beverage producers.
- ❑ Media campaign to support these sensitization, promotion, and advocacy efforts



# Timelines for Phase I: Standards Development

Phase	Cost	Remarks
Phase I	USD 50,000	Partial Support from World Bank Group
Phase II	USD 65,000	
<b>TOTAL:</b>	USD 115,000	Funding required for supplement World Bank Group support

# Challenges

- ❑ Main challenge the project is facing is funding.
- ❑ Eight organizations pledged to support the funding of the project.
- ❑ Two organizations made good on their promises
- ❑ Have contributed USD 14,000 each, totaling USD 28,000.
- ❑ Additional Funds needed to complete the project is approximately USD 52,000.