



Empowered lives.  
Resilient nations.

# *Mechanisms to support innovative solutions for climate smart development at local level*

## *UNDP/GEF*

RESPONSIBLE ENVIRONMENT AND ENERGY MANAGEMENT

TRANSPARENT AND ACCOUNTABLE GOVERNANCE

EMPOWERED AND INCLUSIVE SOCIETY



# What do we mean by a Challenge?

## Different types of challenges and prizes

**Inducement**

**Innovation**

**Recognition**

**Innovation Challenges or Inducement Prizes are the same both set a goal and offer a financial reward to whoever can most effectively meet a defined challenge within a defined time period**

**Different from recognition prizes which reward past achievement**



# Challenges through History



200 BC: Hiero II's Crown



1714 - 1765: Longitude Act



1795 - 1810: Feed French Army



1848 - 1850: Great Exhibition



1919: Orteig Prize





# Most Recent Challenges



1995: X-Prize



2006: Prize 4 Life



2009: Netflix Prize



2009: DARPA Network Challenge



2010: Fiat Mio

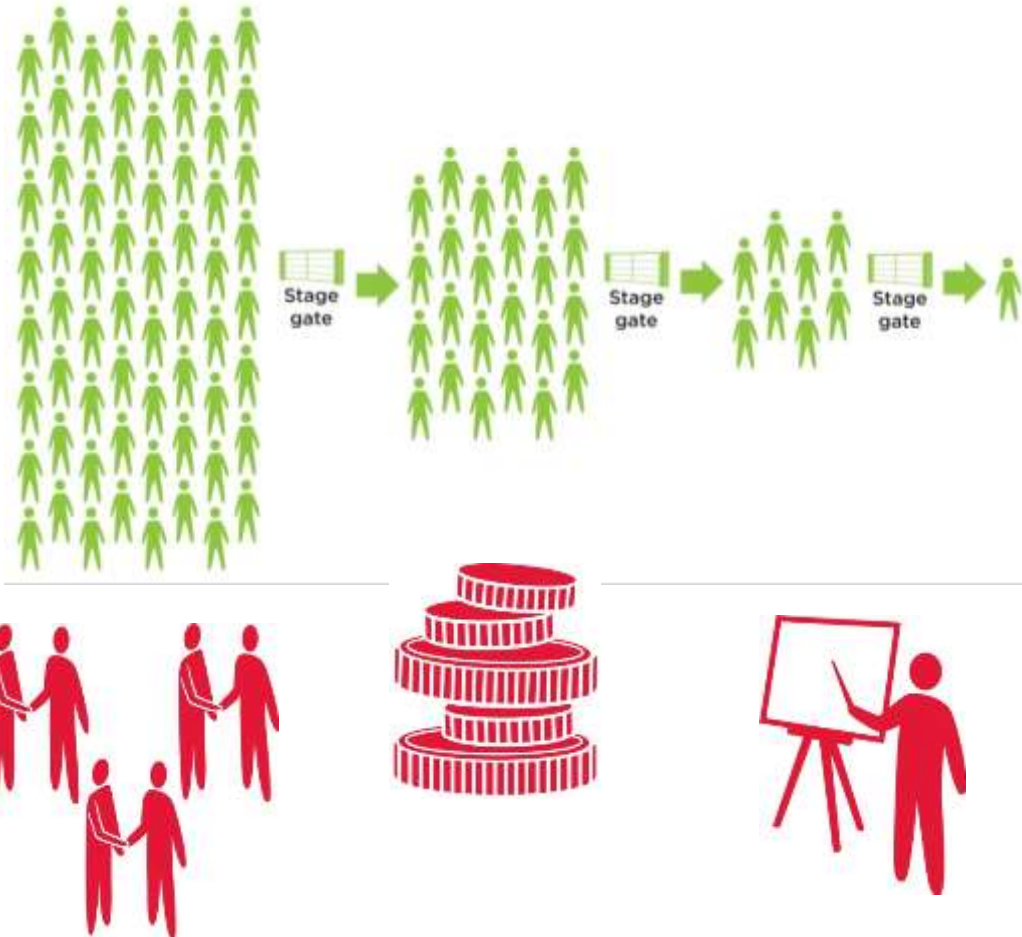


Archetype	Goal of prize	Primary change levers	Examples
<b>Exemplar</b>	Focus attention on, set standards in, and/or influence perception of a particular field or issue	<ul style="list-style-type: none"> <li>Identifying excellence</li> <li>Influencing perception</li> </ul>	<ul style="list-style-type: none"> <li>Apps for Vehicles</li> <li>EC Food Scanner Prize</li> <li>EC Vaccine Prize</li> </ul>
<b>Exposition</b>	Highlight a range of best practices, ideas, or opportunities within a field	<ul style="list-style-type: none"> <li>Identifying excellence</li> <li>Mobilising capital</li> </ul>	<ul style="list-style-type: none"> <li>Global Security Challenge</li> <li>D Prize</li> </ul>
<b>Network</b>	Celebrate and strengthen a particular community	<ul style="list-style-type: none"> <li>Identifying excellence</li> <li>Strengthening community</li> <li>Mobilising capital</li> </ul>	<ul style="list-style-type: none"> <li>Global Security Challenge</li> <li>EuRoC</li> </ul>
<b>Participation</b>	Educate and change behavior of participants through the prize process	<ul style="list-style-type: none"> <li>Strengthening community</li> <li>Educating/improving skills</li> </ul>	<ul style="list-style-type: none"> <li>D Prize</li> <li>Climate Adaptation Challenge</li> </ul>
<b>Market stimulation</b>	Emulate market incentives, driving costs down through competition and exposing latent demand	<ul style="list-style-type: none"> <li>Identifying excellence</li> <li>Mobilising talent, capital</li> <li>Focusing a community</li> <li>Influencing perception</li> </ul>	<ul style="list-style-type: none"> <li>Ansari XPRIZE</li> <li>Saltire Prize</li> <li>DARPA Grand Challenge</li> <li>EuRoC</li> <li>Climate Information Prize</li> </ul>
<b>Point solution</b>	Solve a challenging, well defined problem requiring innovation	<ul style="list-style-type: none"> <li>Focusing a community</li> <li>Mobilising talent</li> </ul>	<ul style="list-style-type: none"> <li>L Prize</li> <li>Prize4Life</li> <li>Cleveland Clinic</li> </ul>



# Multi Stage Challenges

- Filter the best ideas and working intensively with a more refined group
- Support progress, maintain momentum and keep people motivated
- Learn about how the challenge is working and make changes
- Celebrate incremental advances *en route* to a longer term goal







Horizon Prize  
MATERIALS FOR CLEAN AIR

Crack the challenge and win  
**€ 3 million**  
Apply by 23/01/2018

European Commission



Horizon Prize  
LOW CARBON HOSPITAL

Crack the challenge and win  
**€ 1 million**  
Apply by 3 April 2019

European Commission

# \$100 Million of Challenge Awards in last 5 years



Renewable Energy Challenge



# Sanitation Challenge for Ghana



- Multi Stage Prize
  - Focused on municipalities to upgrade liquid waste services to local community
  - Challenge running for just over 4 years
  - Currently committed spend by municipalities over \$5 million (majority funded through non standard means)
  - Supporting partnerships between private sector and municipalities
    - NGOs
    - Civil Society Groups
    - Businesses
    - Land Owners





*Thank you for the attention*



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