

CCTCN

**Discussions on request generation ideas to
contribute to year 2021 work plan**

Virtual Regional Meeting for the NDEs



TA TRENDS

Circular Economy

- Address broad range of concerns along a multitude of different bio-based value chains
- Integrated approach with socio economic benefits to leverage large scale financing
- Revive the attractiveness of complicated technologies like large biogas to power generation through valorization of waste and side stream

Urban Resilience / development

- Integrated approach for urban adaptation and mitigation (e.g., vulnerability/risk assessment and adaptation planning, ecosystem-based adaptation intervention and urban planning for smart city)
- Early warning and environmental assessment system (e.g. hydrodynamic modelling and data management) to reduce risk of urban flooding in coastal area
- Enhancement of energy efficiency in building sectors and sustainable transportation

E-mobility

- Policy gap analysis and regulations on E Mobility – Emobility Policy
- Feasibility studies and roadmap development to leverage large scale financing
- Procurement of E Vehicles and supporting infrastructure

Industrial Energy Efficiency

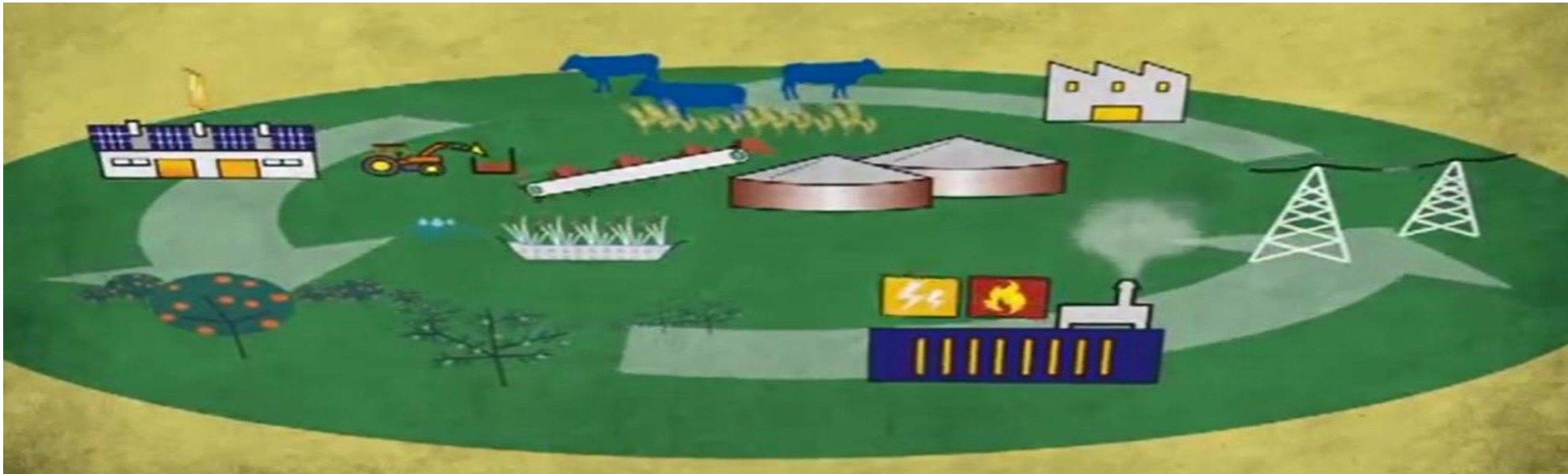
- Energy efficient operations for water utilities, metal sector and power plants
- Energy baselining and standardization of equipment
- Development of skilled EE workforce through certification system
- On job trainings, manuals and SOPs for Energy efficient operation

Previous experience of CTCN's intervention

- **Circular Economy**

- (Tonga) Circular Economy project- Biogas feasibility study

Assessment of bio-based value chain using circular economy approach to support the feasibility study of large-scale biogas to energy projects of 0.5 MW size





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