WTDC 17 Regional Initiative:

ARB1: Environment, climate change and emergency telecommunications

ITU Arab Regional Office

Objectives and Expected Results

Objective: To raise awareness of and provide support in respect of major challenges in the field of environment, climate change and emergency telecommunications, establish regulatory frameworks, and take necessary measures to address the challenges in this field.

Expected results

Assisting countries to:

1) Issue policy guidelines, regulatory and technical frameworks and necessary measures, providing them with information to meet their needs pertaining to this initiative, specifically in the area of exposure to electromagnetic fields (EMF), emergency telecommunications and the management of electronic waste

2) Launch training programmes on emergency telecommunications and the adverse effects of exposure to EMF and e-waste, find appropriate solutions to deal with these issues and formulate a model for making use of e-waste in a manner that supports development

3) Develop ICT applications on the basis of which awareness campaigns and programmes can be launched concerning the risks of exposure to EMF and the recycling and processing of e-waste.

Proposed Four Years Action Plan

ER	2018	2019	2020	2021
ARB1/1	Development of Policy Guideline on Emergency Telecommunications in Arab Region (Model Policy ETs)	• Development of Regulatory Framework on Human exposure to EMF (Model Policy) • Development of Model National Emergency Telecommunications Plans (Model NETPs)	• Development of Strategic and Policy Guideline for the proper disposal or reuse of telecommunication/ICT generated E-Waste and its statistics • Development of National Emergency Telecommunications Plans (NETPs) to specific countries	• Development of Policy Guideline on Human exposure to EMF to specific countries • Development of National Emergency Telecommunication Plans (NETPs) to specific countries • Development of Strategies and Policy Guidelines for the proper disposal or reuse of telecommunication/ICT generated E-Waste to specific countries

ER	2018	2019	2020	2021
ARB1/2	• Training workshop on E-Waste Statistics and EMF Measurements	• Validation Training workshop on the Policy Guideline on Human exposure to EMF and ICT and ICT & Climate Change • Validation Training workshop on the Implementation of Model National Emergency Telecommunications Plans • Development and Implementation of Pilot Project on assessment of the Human exposure to EMF in Arab Region	• Validation Training workshop on Strategic and Policy Guideline for the proper disposal or reuse of telecommunication/ICT generated E-Waste • Development and Implementation of Pilot Regional Project on E-waste monitor for Arab States	• Training workshop on E-Waste, EMF, ICT & Climate Change and Emergency Telecommunications • Development and Implementation of Pilot Project on deploying Early Warning Systems (EWS) in specific Arab countries
ARB1/3	• Launch a campaign for development of Green ICTs App for Arab region. The app will have awareness info concerning the risks of exposure to EMF, e-waste management, ICT & Climate Change and use of ICTs in disaster management. The campaign to be lunch in full coordination with relevant ITU sectors and specifically with TSB.			

ARB1 Expected Budget (2018-2021)

Activities	**500,000**
Projects	**500,000**
Estimated Total	**1 Million USD**

Lead Countries

Lead countries are countries that have indicated a commitment towards assisting in the regional implementation of the regional initiative by hosting or funding regional activities

Thank You

- Open Discussion