



ITU Regional Development Forum for Africa (RDF-AFR)

**‘Digital transformation for a sustainable and equitable digital future:
Accelerating the implementation of the SDGs in Africa’**

organized by the International Telecommunication Union in collaboration with the
Ministry of Innovation and Technology, Ethiopia

**3-5 October 2023
Addis Ababa, Ethiopia**

Please note that submitted information will be presented during the RDF-AFR P2C Roundtables and it will also be reflected on the pledging platform of the Partner2Connect Digital Coalition.

CONTRIBUTION FORM

ORGANIZATION: Mauritius Digital Promotion Agency (MDPA)

FOCAL POINT: Ministry of Information Technology, Communication and Innovation,
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TITLE: MDPA project: Children Innovative Learning and Design) Programme (SDG Goal 4-Quality Education)

DESCRIPTION OF ACTION:

The Children Innovative Learning and Design (ChILD) programme is a new ICT educational initiative which pertains to the initiation of Coding and Robotics to pupils at primary level. The MDPA has implemented the ChILD Project in 23 schools in Mauritius with the close collaboration of the Ministry of Education, Tertiary Education, Science and Technology. The ChILD programme is meant to target pupils of Grades 4 / 5 /6.

The ChILD Programme aims at introducing Robotics Kits to upper primary students while equipping them with the required coding capabilities. This innovative and enlightening programme allows the children to design and build their own robots using the DIY (Do It Yourself) concept. The main objective of initiating our Kids and Youngsters to Coding and Robotics is to foster a predilection for science and engineering so as to inspire them to embrace STEAM (Science, Technology, Engineering, Arts and Mathematics) subjects.

The ChILD is a 10-12 Hour training programme consisting of 3 core modules namely: Scratch Coding 3.0, BBC Micro:Bits and Robotic Kits. The training is delivered by the ICT Support Officers (usually referred to as 'ICT Teachers') in the Computer Labs of primary schools. It is to be highlighted that Capacity Building /Train-the-Trainers Workshops were organised by MDPA to empower the ICT Support Officers (6 schools per zone) to become confident users of the LEGO WeDo 2.0 Kits.

COUNTRIES in FOCUS: Mauritius

YEARS of IMPLEMENTATION: [Tick the relevant boxes or delete the irrelevant items]

☒ 2023

☒ 2024

☒ 2025





RELEVANT ITU REGIONAL INITIATIVE: [Tick the relevant boxes or delete the irrelevant items]

- ☒ AFR1: Supporting digital transformation to usher in a rapid transition to a digital economy while accelerating innovation in Africa
- ☐ AFR2: Implementation and expansion of broadband infrastructures, connectivity and emerging technologies
- ☐ AFR3: Building trust, safety and security in the use of telecommunications/ICTs and protection of personal data
- ☒ AFR4: Fostering emerging technologies and innovation ecosystems

Please find more information on the ITU Regional Initiatives 2023-2025, as defined by WTDC-22, [here](#).

RELATED ITU-D PRIORITIES AS DEFINED BY THE ITU WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE 2022

- ☐ Affordable connectivity
- ☒ Digital transformation
- ☐ Enabling policy and regulatory environment
- ☐ Resource mobilization and international cooperation
- ☐ Inclusive and secure telecommunications/ICTs for sustainable development

Please find more information on the ITU-D Priorities, as defined by WTDC-22, [here](#).

RELATED ITU PRIORITIES AS DEFINED BY ITU PLENIPOTENTIARY CONFERENCE 2022

- ☐ Spectrum use for space and terrestrial services
- ☐ International telecommunication numbering resources
- ☐ Inclusive and secure telecommunication/ICT infrastructure and services
- ☐ Digital applications
- ☐ Enabling environment

Please find more information on the ITU Priorities, as defined by PP-22, [here](#)

RELATED WSIS ACTION LINE: [Tick the relevant boxes or delete the irrelevant items]

- ☒ C1: The role of governments and all stakeholders in the promotion of ICTs for development
- ☐ C2: Information and communication infrastructure
- ☐ C3: Access to information and knowledge
- ☒ C4: Capacity building
- ☐ C5: Building confidence and security in the use of ICTs





- ☐ C6: Enabling environment
- ☐ C7: ICT applications
- ☐ C8: Cultural diversity and identity, linguistic diversity and local content
- ☐ C9: Media
- ☐ C10: Ethical dimensions the Information Society
- ☐ C11: International and regional cooperation

RELATED SDG: [Tick the relevant boxes or delete the irrelevant items]

- | | |
|---|---|
| <input type="checkbox"/> SDG 1: No Poverty | <input type="checkbox"/> SDG 10: Reduced Inequalities |
| <input type="checkbox"/> SDG 2: Zero Hunger | <input type="checkbox"/> SDG 11: Sustainable Cities and Communities |
| <input type="checkbox"/> SDG 3: Good Health and Well- being | <input type="checkbox"/> SDG 12: Responsible Consumption and Production |
| <input checked="" type="checkbox"/> SDG 4: Quality Education | <input type="checkbox"/> SDG 13: Climate Action |
| <input type="checkbox"/> SDG 5: Gender Equality | <input type="checkbox"/> SDG 14: Life Below Water |
| <input type="checkbox"/> SDG 6: Clean Water and Sanitation | <input type="checkbox"/> SDG 15: Life on Land |
| <input type="checkbox"/> SDG 7: Affordable and Clean Energy | <input type="checkbox"/> SDG 16: Peace, Justice and Strong Institutions |
| <input type="checkbox"/> SDG 8: Decent Work and Economic Growth | <input checked="" type="checkbox"/> SDG 17: Partnerships for the SDGs |
| <input type="checkbox"/> SDG 9: Industry, Innovation and Infrastructure | |

