

# DIGITAL SOLUTIONS FOR SUSTAINABLE DEVELOPMENT (DSSD) PROGRAM

DSSD PROGRAM

## PROGRESS REPORT JULY TO SEPTEMBER 2019

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# INTRODUCTION

The program Digital Solutions for Sustainable Development (DSSD) will advise Rwandan institutions on the implementation of the Smart Rwanda Master Plan (2016-2020) and its priority projects. The project aims at promoting the development of digital solutions in collaboration with sector ministries, local and international private companies, research institutions and civil society.

The DigiCenter is a space dedicated at delivering impact driven digital solutions, developing the capacities of the local innovation ecosystem, and replicating / scaling-up digital solutions at regional and continental level.

## PROGRESS PER OUTPUT DURING THE PERIOD

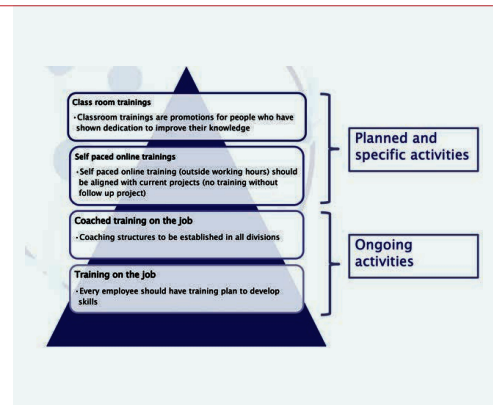
### 2.1 A: HUMAN RESOURCE AND INSTITUTIONAL DEVELOPMENT

#### 2.1 A1: INSTITUTIONAL SUPPORT TO RISA

#### COACHING SERVICES

RISA with the support of DSSD has set up a skills and capacity management process which covers several stages of the skills development. The current focus of this project is the skills extension based on external coaching support.

- 10 RISA staff are currently being trained
- A tender for other 4 skill sets is ongoing



#### 2.1 A2: STUDIES AND BLUEPRINTS

#### THE INDUSTRY 4.0 TRANSFER LAB

The focus of the centre is to support local partners for establishment of an industry 4.0. through deepening the knowledge based on the learnings and creating a facility for the development and production of electronic devices in Rwanda.

- Assessment of the equipment needed for the Industry
- 8th July: Feasibility study and workshop for the setup of Industry 4.0
- Procurement of the equipment for the Industry 4.0



#### 2.1 A3: TECHNICAL ADVICE AND POLICY DEVELOPMENT

#### MIDTERM REVIEW OF THE ICT IN EDUCATION STRATEGY

The mid-term review of ICT in Education strategy seeks to assess the progress of implementation, efficiency and effectiveness of different interventions as well as the performance of the policy against the set objectives in order to keep the same framework or change the strategy if need be. Major milestones:

- August 29th: Kick off meeting was conducted



#### 2.1 A4: CAPACITY DEVELOPMENT

#### SKILLS DEVELOPMENT

The skills development activities are part of the institutional and human capacity development. An assessment was conducted that started off by defining and reviewing target skill set for each division. Using the skill management tool, the division heads assessed the skills for each employee and determined the target skills and respective training needs for each employee.

- A self-pace training program was designed
- 1st batch of self-pace training was conducted



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## 2.2 B2: PRESENTATION OF DIGITAL SOLUTIONS AT CONTINENTAL LEVEL

### PRESENTATION OF DIGITAL SOLUTIONS AT CONTINENTAL LEVEL

#### STES Group in Cameroon:

Upon the invitation from the University of Ngaoundéré, STES Group's representative held a presentation on July 7th, 2019 on the Internet of Things and solar technologies and their applications. This was conducted before students and staff from the university with a purpose to identify training opportunities to university students and their staff to boost innovation culture in their institution.



#### Afric'Up Summit:

DSSD sponsored 8 start-ups to attend the Afric'up Summit which took place in Tunisia under the theme "Smart Cities & Open Innovation in Africa, What Opportunities for Start-ups?".



## 3

## COMMUNITY AND EVENTS

**Facebook Developers Circle:** The DigiCenter has been host to the last two Kigali Facebook developer meetups.

**Traditional Values Influencing Digitalization Event:** The centre hosted over 80 people for this event that included; a panel discussion on the influence of Rwandan culture/traditions on digitalization and group sessions presentations.

**Blockchain Rwanda Meet-up:** The centre hosted an event organised by NIRDA that brought together different community members who wanted to learn about blockchain and its opportunities.

**AI/VR/AR Meet up:** In partnership with NIRDA the DigiCenter hosted 6 meetups for the tech community members interested in the topics of Artificial Intelligence, Virtual Reality and Augmented Reality.

**Face the Gorillas Pitching event by ICT Chamber:** The centre acted as a host for this event organized by the ICT chamber.

**Innovate4Education – Virtual Labs** pre-pitching session including 16 participants and a 1-week bootcamp was hosted at the centre.

**CCHub Pitchdrive - The DigiCenter** hosted 10 CCHub teams for a pitch drive event in preparation for their Asia tour.

**Code & Design Camp – The centre** hosted over 30 female university students for a 4-day bootcamp facilitated by Code+Design.

## 4

## COMMUNICATION AND VISIBILITY

### INTERVIEWS AND MEDIA APPEARANCES

**Meet the Professionals 9 - Introduction to Industry 4.0:**  
<https://www.youtube.com/watch?v=o4PkIhj8vek&feature=youtu.be>  
**Pitch Drive Tour:**  
[https://www.youtube.com/watch?v=llqXASH\\_01E&t=4s](https://www.youtube.com/watch?v=llqXASH_01E&t=4s)

### SOCIAL MEDIA AND WEB PRESENCE

Follow us on Twitter and like us on Facebook to stay up to date with all the activities at the center.

 Digital Transformation Centre

 @DigiCenterRW