Consultancy Services for developing a National Open Source Policy and Strategy and Action Plan for Mauritius

Specific Contract No. 2014/338761

Open Source Action plan for Mauritius

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National Open Source Software Action Plan

for the Republic of Mauritius

"Open Mauritius, like you have never experienced IT before!"

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ACTION PLAN OVERVIEW

This action plan presents a long term vision to change in depth the actual Mauritian ICT ecosystem and implement the **Open Mauritius program**. The main goal of this program is to support the open transition of Mauritius.

The main stakeholder is the National Computer Board in partnership with stakeholders described in the OSS Strategy. Public private partnerships will be highlighted in order to create a long term transition.

The Open Mauritius program is going to **boost the economy** while each Mauritian citizen will be part of the program in using labs to test new ideas, going to a coworkers' places to develop innovative projects or to create applications using open data to develop new services.

The National Computer Board and its partners will drive smoothly the change in the Mauritian society in order to create a national dynamic and become an ICT leader in the African region.

The Open Mauritius program will develop projects to:

- Build and promote a NOSECC

- Set up open ecosystem including a common knowledge platform and open cloud platform

- Create yearly Open Summit Mauritius with focus on open concepts with regional perspective in further steps

- Create content ad knowledge base about OSS, OS and OC

- Support primary and secondary schools with initiatives about OSS, OS and OC

- Support academic research on OSS, OS

- Build an open source lab to support research, technology and education initiatives on OSS, OS

- coordinate and encourage research of OSS in government use

- Support public/private partnerships;

- Start up smart open initiatives (City, energy, etc);

Thus, the open Mauritius program will review the whole ICT ecosystem and will move forward public, private and educational sectors as well as the civil society in the open world.

NOSECC PLACE (OPENSPACE)

The **NOSECC place (OpenSpace)** is the physical core of the Open Mauritius program. Indeed, the center is a place where stakeholders, techies, students, engineers, researchers and technology enthusiasts will meet. They will also share this building with some of the NCB team dedicated to implement OSS Strategy plan and support the Open Cloud infrastructures or the team working on producing open educational contents.

The OpenSpace is also the place for entrepreneurs. They will know about the latest call for proposals on open concepts or the new public/private partnerships on Smart Cities or Smart Grids.

For the short term, when NOSECC will operate as a formal group inside the NCB, the OpenSpace can evolve as an office space inside the NCB building. But it is strongly advised to move the OpenSpace to separate building in university or Cyber City location to show the openess of the whole process and to be in the center of research activities of other stakeholders.

After relocation, it is advised to include some meeting and/or presentation rooms. With further additions in the form of training and/or hands on laboratory. After 3 years, beside office space, the OpenSpace have to offer some 3-5 rooms to support all different NOSECC activities.

Open Cloud infrastructure

GoM already has an existing datacenter and should in that context facilitate and establish a common technology platform in the form of OSS Open Cloud, to support OSS activities, pilot some technologies and gain "hands - on" experiences with OSS technologies.

Open Cloud should be Based on Open Source Cloud and virtualization technologies and solutions and use commodity HW.

Proposed functionality:

- hosting web sites for all OSS ecosystem activities

- hosting collaboration platform: forums, forge, mailing lists

- Document repository - knowledge base (HowTos, User Manual, Best Practices, FAQ, docs, best practices, templates)

- SW repository content

- hosting educational content (moodle cluster) EDU curriculum and teacher training

- OSS specific IaaS, Paas and SaaS offer for Gov and stakeholders

- platform for all smart initiatives

- hosting OSS mirrors

- donating their resources to OSS projects

KEY PERSONNEL OF NOSECC ECOSYSTEM

Implementation of OSS Policy and OSS Strategy is complex and require multiple interdisciplinary skill including technical, organizational, project management and social communities building skills, competences and experiences. Some of them may be acquired through education, schooling or self-study, while others can only be obtained through experience and collaboration with other centers of knowledge and experience.

Depending on the evolving path and time constraints, some of the tasks may be delegated to other stakeholders or external consultants/collaborators.

Success in establishing the NOSECC center is dependent on good teamwork and combining different profiles, some of the most important of which are listed below:

NOSECC COORDINATOR - LEADER (MANAGER)

Excellent knowledge about various aspects of the OSS and OS, business models and development, community building principles, ability to lead and motivate a variety of collaborators. Comprehensive overview of the technological and architectural guidelines OSS solutions. Good overview and connections with global OSS trends. Good motivator and ability to inspire people.

Excellent communication skills. Excellent project management skills.

NOSECC PROJECT MANAGER

Basic knowledge about OSS and OS, business models and development, ability to lead and motivate a variety of collaborators.

Communication skills. Excellent project management skills.

(as per the activity growth)

OSS RESEARCHER

Excellent knowledge of OSS business and development models, overview of the OSS technological and architectural solutions, the ability for self-learning and learning about new solutions, excellent writing skills, and preparation of documentation, knowledge of content tools – MediaWiki.

Required or desired certificates: RHCE, NCLE, LPI2

OSS APPLICATION PROGRAMMER

Good knowledge and experience with a variety of OSS software and application solutions (LAMP, MediaWiki, Joomla, WordPress, ...)

Required or desired certificates: PHP

May be delegated to stakeholders, members of OSS communities

OSS System Engineer

Excellent knowledge of system solutions OSS (Linux OS - CentOS, Open SuSE, KVM, Xen virtualization, Open Cloud), Experiences and managing mission critical OSS stack, experiences in system administration application solutions (LAMP, Java apps)

Required or desired certificates: RHCE, NCLE, LPI2

May be delegated to stakeholders, members of OSS communities

OSS support engineer

Good knowledge of many OSS tools and programs and the ability to solve user requirements and challenges

May be delegated to stakeholders, members of OSS communities

ACTION PLAN GANTT STRUCTURE

Action group or action	Start date	End date
OSS strategy implementation	09/01/14 08:00 AM	09/28/17 05:00 PM
OSS Strategy approval	09/01/14 08:00 AM	09/01/14 05:00 PM
end of ST	09/01/15 08:00 AM	09/01/15 05:00 PM
end of MT	09/01/17 08:00 AM	09/01/17 05:00 PM
Activity group: Formal establishment and operation of NOSECC	09/02/14 08:00 AM	09/28/17 05:00 PM
Formal establishment of NOSECC as group inside NCB	09/02/14 08:00 AM	10/13/14 05:00 PM
Established NOSECC inside NCB	10/14/14 08:00 AM	10/14/14 05:00 PM
Establishment of NOSECC as independent body	08/26/15 08:00 AM	10/06/15 05:00 PM
NOSECC as an independent body and own place	10/07/15 08:00 AM	10/07/15 05:00 PM
NOSECC after 5 Y	09/28/17 08:00 AM	09/28/17 05:00 PM
Activity group: performance measurement of OSS strategy implementation	09/02/15 08:00 AM	09/06/17 05:00 PM
Survey and analysis after ST	09/02/15 08:00 AM	10/27/15 05:00 PM
survey and analysis of penetration of OSS in government sector	09/02/15 08:00 AM	09/15/15 05:00 PM
survey and analysis of compliance of all governemnt IT systems with the OS and interoperabiltiy	09/16/15 08:00 AM	09/29/15 05:00 PM
survey and analysis of the OSS usage in the private sector	09/30/15 08:00 AM	10/13/15 05:00 PM
survey and analysis of the OSS usage in education and research	10/14/15 08:00 AM	10/27/15 05:00 PM
Survey and analysis after MT	07/13/17 08:00 AM	09/06/17 05:00 PM
survey and analysis of penetration of OSS in government sector	07/13/17 08:00 AM	07/26/17 05:00 PM
survey and analysis of compliance of all governemnt IT systems with the OS and interoperabiltiy	07/27/17 08:00 AM	08/09/17 05:00 PM
survey and analysis of the OSS usage in the private sector	08/10/17 08:00 AM	08/23/17 05:00 PM
survey and analysis of the OSS usage in education and research	08/24/17 08:00 AM	09/06/17 05:00 PM

Activity group: to get Knowhow and knowledge of Policy implementation	09/02/14 08:00 AM	09/01/17 05:00 PM
Learning and training from available resources www	09/02/14 08:00 AM	09/01/17 05:00 PM
Training and certification programs ST	09/02/14 08:00 AM	09/01/17 05:00 PM
visit conferences and events	09/02/14 08:00 AM	09/01/17 05:00 PM
join and active in FLOSCC	10/08/15 08:00 AM	08/31/17 05:00 PM
Activity group: to build knowledge database of NOSECC (web site, documents, FAQ, manuals)	09/01/14 08:00 AM	07/31/15 05:00 PM
create and publish general content about OSS, OS, OC (Mediawiki)	09/01/14 08:00 AM	10/24/14 05:00 PM
create and publish list of SW of different categories (MediaWiki)	10/27/14 08:00 AM	12/19/14 05:00 PM
create and publish public guidelines on choosing software and technologies and OS	12/22/14 08:00 AM	02/13/15 05:00 PM
add howto install, manual, start documents for frequent SW (Mediawiki, document management)	02/16/15 08:00 AM	07/31/15 05:00 PM
create and publish FAQ for SW	10/27/14 08:00 AM	12/19/14 05:00 PM
Activity group: Awareness/promotion on OSS, OS and OC	10/15/14 08:00 AM	09/28/17 05:00 PM
to create and coordinate work groups - sH collaboration	10/15/14 08:00 AM	09/01/17 05:00 PM
Work groups initial meetings	10/15/14 08:00 AM	01/06/15 05:00 PM
WG established, with SH and leaders and plan 12m	01/07/15 08:00 AM	01/07/15 05:00 PM
WG collaboration	01/08/15 08:00 AM	09/01/17 05:00 PM
to hold the Open Summit Mauritius	04/14/15 08:00 AM	09/28/17 05:00 PM
preparation of 1st OSM	04/14/15 08:00 AM	09/28/15 05:00 PM
1st Open Summit Mauritius	09/29/15 08:00 AM	09/29/15 05:00 PM
preparation of 2nd OSM	04/13/16 08:00 AM	09/27/16 05:00 PM
2nd Open Summit Mauritius	09/28/16 08:00 AM	09/28/16 05:00 PM
preparation of 3rd OSM	04/13/17 08:00 AM	09/27/17 05:00 PM
3rd Open Summit Mauritius	09/28/17 08:00 AM	09/28/17 05:00 PM
Promotion - information distribution	01/19/15 01:00 PM	09/01/17 01:00 PM
seting up website for NOSECC, WG, projects	01/19/15 01:00 PM	02/16/15 01:00 PM

mailing list distribution	01/19/15 01:00 PM	09/01/17 01:00 PM
Regularly publicize the government plans and needs for OSS related services and solutions	01/19/15 01:00 PM	09/01/17 01:00 PM
Activity group: OS based and open e-gov	10/15/14 08:00 AM	09/01/17 05:00 PM
to create and maintain the list of all ICT systems in GOV used	10/15/14 08:00 AM	05/12/15 05:00 PM
to define a process of monitoring all new systems included	05/13/15 08:00 AM	06/23/15 05:00 PM
to monitor OS and interoperability compliance of all IT systems	06/24/15 08:00 AM	09/01/17 05:00 PM
Activity group: common Cloud platform	10/15/14 08:00 AM	01/19/15 01:00 PM
architecture and planning of Open Cloud	10/15/14 08:00 AM	10/28/14 05:00 PM
HW / SW services tender / purchase	10/29/14 08:00 AM	12/19/14 01:00 PM
installation of HW / SW	12/19/14 01:00 PM	01/02/15 01:00 PM
installation of applications	01/02/15 01:00 PM	01/16/15 01:00 PM
working Open Cloud platform	01/16/15 01:00 PM	01/19/15 01:00 PM
Activities of EDU group	01/08/15 08:00 AM	03/29/17 05:00 PM
Activities group: Technology neutral and vendor independent Syllabus	01/08/15 08:00 AM	03/02/16 05:00 PM
Overview of all ICT syllabus primary/secondary/university/tertiary (numbers, descriptions, tech neutral, included OSS content) (HI)	01/08/15 08:00 AM	05/13/15 05:00 PM
Overview of ALL Syllabus primary/secondary/university/tertiary How it use ICT as a tools (numbers, descriptions, tech neutral) (HI)	05/14/15 08:00 AM	09/16/15 05:00 PM
Content adjustment	09/17/15 08:00 AM	03/02/16 05:00 PM
Activities group: syllabus with OSS content	09/17/15 08:00 AM	03/29/17 05:00 PM
to create additional OSS syllabus content according to levels	09/17/15 08:00 AM	06/22/16 05:00 PM
to add content to official syllabus (prim/sec, univ, tertiary	06/23/16 08:00 AM	03/29/17 05:00 PM
Activities group: Trained teachers in OSS, OS and OC	01/08/15 08:00 AM	12/10/15 05:00 PM
create syllabus for ICT teachers trainig	01/08/15 08:00 AM	06/24/15 05:00 PM
create syllabus for all teachers trainig	06/25/15 08:00 AM	12/09/15 05:00 PM
Create and activate teacher OSS training	12/10/15 08:00 AM	12/10/15 05:00 PM
Activities group: OSS certification program	01/08/15 08:00 AM	11/09/16 05:00 PM

review existed OSS certificytion programs (LPIC)	01/08/15 08:00 AM	06/24/15 05:00 PM
search and propose further programs for students, ICT proffesionals	06/25/15 08:00 AM	12/09/15 05:00 PM
find and implement certification programs into (MITD, AUF?)	12/10/15 08:00 AM	11/09/16 05:00 PM
Activities of Procurement group	01/08/15 08:00 AM	02/17/16 05:00 PM
Activities group: Procurement tech neutral, focused on innovation, sustainability and OS	01/08/15 08:00 AM	02/17/16 05:00 PM
to review proc system	01/08/15 08:00 AM	04/29/15 05:00 PM
to create special procurement process for ICT	04/30/15 08:00 AM	09/16/15 05:00 PM
to create guidelines for procurement of neutral ICT and/or OSS preffered	09/17/15 08:00 AM	02/03/16 05:00 PM
to propose changes	02/04/16 08:00 AM	02/17/16 05:00 PM

PHASE 1: SHORT TERM ACTION PLAN FRAMEWORK

Goals	Purpose	Activities	Actions to be supported by the National Computer Board
Goal 1.1 Creation of a sustainable and centralized innovation centre	Drive the governmental open policy and provide technical support	**Activity 1.1.1** Set up an innovation centre	Coordination
		Activity 1.1.2 Communication on open concepts and innovation	Organize events and communication
		Activity 1.1.3 Development of local expertise	Identify and train local experts
		Activity 1.1.4 Capacity building of local technicians	Identify and train local technicians
		Activity 1.1.5 Promote the open ecosystem	Provide coordination
Goal 1.2 Definition of an Open Government strategy	Provide a structure to build an Open Government hub	**Activity 1.2.1** Set up a technology neutral procurement system focus on innovation, sustainability, open concepts, reduce total cost of ownership and driven by public private partnerships	Coordinate the procurement system review
		Activity 1.2.2 Increased interoperability among systems	Coordinate the interoperability study
		Activity 1.2.3 Support usages of open concepts	Coordinate communications on open concepts
Goal 1.3 Implementation of an Open Government strategy	Increase governmental openness	**Activity 1.3.1** Set up an Open Government hub	Start up a hub
		Activity 1.3.2 Set up a data lab	Start up a data lab
		Activity 1.3.3 Review all governmental information systems	Coordinate the change through public private partnerships
		Activity 1.3.4 Build an adapted platform for open government	Coordinate the change through public private partnerships

Goals	Purpose	Activities	Actions to be supported by the National Computer Board
		Activity 1.3.5 Start up a smart open energy initiative	Coordinate the initiative
		Activity 1.3.6 Start up an open Smart Cities initiative	Coordinate the initiative
		Activity 1.3.7 Support innovative projects based on open concepts	Launch open initiatives, calls for proposal and public/private partnerships
			Total

Short term activity framework

Activities	Tasks	Targets
Activity 1.1.1 **S**etup an innovation centre location	**Task 1.1.1.1** Benchmark and feasibility study	**Target 1.1.1.1** Benchmark and feasibility study report
	Task 1.1.1.2 Build a management team	**Target 1.1.1.2** At least a core management for the innovation centre
	Task 1.1.1.3 Find a place	**Target 1.1.1.3** At least a place to welcome a technical support centre, a fablab, a co-worker place, a smart open energy initiative and a data lab
Activity 1.1.2 Communication on open concepts and innovation	**Task 1.1.2.1** Communicate on open concepts in medias	**Target 1.1.2.1** Reach at least 25% of the population
	Task 1.1.2.2 Organize promotional events	**Target 1.1.2.2** Organize 2 promotional events
Activity 1.1.3 Development of local expertise	**Task 1.1.3.1** Identify local experts	**Target 1.1.3.1** Identify at least 10 local experts
	Task 1.1.3.2 Identify international trainers	**Target 1.1.3.2** Identify at least 2 international trainers
	Task 1.1.3.3 Train local experts	**Target 1.1.3.3** Give at least 20 days of trainings
Activity 1.1.4 Capacity building of local technicians	**Task 1.1.4.1** Identify a technical team	**Target 1.1.4.1** Identify at least 5 technicians from the activity 1.1.2
	Task 1.1.4.2 Study technical needs	**Target 1.1.4.2** Identify technical needs for each stakeholders
	Task 1.1.4.3 Build technical communication tools	**Target 1.1.4.3** Provide at least 3 communication tools
	Task 1.1.4.4 Lead the communication between stakeholders	**Target 1.1.4.4** Use at least one of these communication each working day

Activities	Tasks	Targets
Activity 1.1.5 Promote the open ecosystem	**Task 1.1.5.1** Organize events with stakeholders	**Target 1.1.5.1** Organize at least 2 events
	Task 1.1.5.2 Provide communication tools	**Target 1.1.5.2** Provide at least 3 communication tools
	Task 1.1.5.3 Communicate with stakeholders	**Target 1.1.5.3** Use at least one of these communication each working day
Activity 1.2.1 Set up a technology neutral procurement system focus on innovation, sustainability, open concepts, reduce total cost of ownership and driven by public private partnerships	**Task 1.2.1.1** Review the actual procurement system	**Target 1.2.1.1** Provide a review report
	Task 1.2.1.2 Design an adapted procurement system	**Target 1.2.1.2** Provide a procurement system focusing on open concepts
Activity 1.2.2 Increased interoperability among systems	**Task 1.2.2.1** Review actual systems	**Target 1.2.2.1** Provide a review and recommendation report
	Task 1.2.2.2 Design an adapted system	**Target 1.2.2.2** Implement recommendations
Activity 1.2.3 Support usages of open concepts	**Task 1.2.3.1** Promote open concepts to stakeholders	**Target 1.2.3.1** Promote open concepts with each stakeholders
	Task 1.2.3.2 Organize events on open concepts	**Target 1.2.3.2** Organize at least 2 events
Activity 1.3.1 Set up an Open Government hub	**Task 1.3.1.1** Design of an open government strategy	**Target 1.3.1.1** Provide an open government strategy document
	Task 1.3.1.2 Design of an open government action plan	**Target 1.3.1.2** Provide an open government action plan document
	Task 1.3.1.3 Set up of an open government hub with local and international experts	**Target 1.3.1.3** Have a least 3 local experts and 3 international experts

Activities	Tasks	Targets
	Task 1.3.1.4 Communicate on the hub success stories	**Target 1.3.1.4** At least 3 success story published in media
Activity 1.3.2 Start up a data lab	**Task 1.3.2.1** Design of an open data strategy	**Target 1.3.2.1** Provide an open data strategy document
	Task 1.3.2.2 Design of an open data action plan	**Target 1.3.2.2** Provide an open data action plan document
	Task 1.3.2.3 Start-up of the data lab	**Target 1.3.2.3** Have a least 3 local experts and 3 international experts
	Task 1.3.2.4 Communicate on the lab success stories	**Target 1.3.2.4** At least 3 success story published in media
Activity 1.3.3 Review all governmental information systems through public private partnerships	**Task 1.3.3.1** Basis study on current information systems	**Target 1.3.3.1** Provide a basis study report
	Task 1.3.3.2 Writing tenders to open governmental information systems	**Target 1.3.3.2** Provide tenders for all governmental information systems
Activity 1.3.4 Build an adapted platform for open government through public private partnerships	**Task 1.3.4.1** Start up an open cloud platform	**Target 1.3.4.1** Provide an adapted open cloud platform
	Task 1.3.4.2 Promote the open cloud platform	**Target 1.3.4.2** Have a least 10 000 connexions every day
	Task 1.3.4.3 Communicate on open cloud success stories	**Target 1.3.4.3** At least 3 success story published in media
	Task 1.3.4.4 Start up a knowledge and support platform	**Target 1.3.4.4** Provide an adapted knowledge and support platform
	Task 1.3.4.5 Promote the knowledge and support platform	**Target 1.3.4.5** Have a least 10 000 connexions every day

Activities	Tasks	Targets
	Task 1.3.4.6 Communicate on the knowledge and support platform success stories	**Target 1.3.4.6** At least 3 success story published in media
	Task 1.3.4.7 Start up an open data platform	**Target 1.3.4.7** Provide an open data platform
	Task 1.3.4.8 Promote the open data platform	**Target 1.3.4.8** Have a least 1 000 connexions every day
	Task 1.3.4.9 Communicate on success stories	**Target 1.3.4.9** At least 3 success stories published in media
	Task 1.3.4.10 Start up a developer forge	**Target 1.3.4.10** Have a national forge
	Task 1.3.4.11 Promote the developer forge	**Target 1.3.4.11** Have a least 3 alive projects in the forge
	Task 1.3.4.12 Communicate on the forge success stories	**Target 1.3.4.12** At least 3 success stories published in media
Activity 1.3.5 Start up a smart open energy initiative	**Task 1.3.5.1** Need analysis	**Target 1.3.5.1** Need analysis report
	Task 1.3.5.2 Benchmark	**Target 1.3.5.2** Benchmark report
	Task 1.3.5.3 Organize a team	**Target 1.3.5.3** At least 4 people in the team
	Task 1.3.5.4 Start-up projects	**Target 1.3.5.4** At least 2 projects started up
	Task 1.3.5.5 Communicate on success stories	**Target 1.3.5.5** At least 3 success stories published in a media
Activity 1.3.6 Start up an open Smart Cities initiative	**Task 1.3.6.1** Need analysis	**Target 1.3.6.1** Need analysis report
	Task 1.3.6.2 Benchmark	**Target 1.3.6.2** Benchmark report
	Task 1.3.6.3 Organize a team	**Target 1.3.6.3** At least 4 people in the team
	Task 1.3.6.4 Start-up projects	**Target 1.3.6.4** At least 2 projects started up

Activities	Tasks	Targets
Activity 1.3.7 Support innovative projects based on open concepts	**Task 1.3.7.1** Needs basis study	**Target 1.3.7.1** Provide a need basis report
	Task 1.3.7.2 Advisory board to choice projects and entrepreneurs in residence	**Target 1.3.7.2** At least 3 international experts and 3 national experts
	Task 1.3.7.2 Calls for proposal on innovative projects	**Target 1.3.7.2** Launch calls for proposal
	Task 1.3.7.3 Entrepreneurs in residence	**Target 1.3.7.3** Have at least 10 national and international entrepreneurs in residence
	Task 1.3.7.4 Public private partnerships	**Target 1.3.7.4** Build at least 2 public private partnerships
	Task 1.3.7.5 Communicate on success stories	**Target 1.3.7.5** At least 3 success story published in media

PHASE 2: MEDIUM TERM ACTION PLAN FRAMEWORK

Goal	Purpose	Activities	Actions to be supported by the National Computer
Goal 2.1 Set up an Open ecosystem including all major stakeholders	Provide tools to support community based projects	**Activity 2.1.1** Organize Open ICT events	Coordinate events
		Activity 2.1.2 Set up a common knowledge platform	Coordinate
		Activity 2.1.3 Set up an open cloud platform	Coordinate
		Activity 2.1.4 Set up a fablab network	Coordinate the fablab network project
Goal 2.2 Set up a technology neutral open educational system	Guaranty an open and neutral access to Education	**Activity 2.2.1** Develop technology neutral and vendor independent programs	Provide technical expertise
		Activity 2.2.2 Add basis of programming in school programs	Provide technical expertise
		Activity 2.2.3 Certify teachers on open concepts	Coordinate training and certification
Goal 2.3 National awareness of Open Concepts	Increase national awareness on open concepts	**Activity 2.3.1** Organize Internet governance events	Organize events
		Activity 2.3.2 Set up a co-working network	Build and coordinate the network
		Activity 2.3.3 Support innovative projects based on open concepts	Write calls for proposal
Goal 2.4 Integrated and	Support and create national	**Activity 2.4.1** Having a community room at the innovation centre	Facilitate the activity

Goal	Purpose	Activities	Actions to be supported by the National Computer
active OSS communities	OSS communities linked to international communities	**Activity 2.4.2** Manage the innovation centre's fablab	Facilitate the activity
		Activity 2.4.3 Take part in evens, workshops and conferences	Facilitate the activity
			Total

MEDIUM TERM ACTIVITY FRAMEWORK

Activities	Tasks	Targets
Activity 2.1.1 Organize Open ICT events	**Task 2.1.1.1** Needs analysis	**Target 2.1.1.1** Needs analysis report
	Task 2.1.1.2 Build a speaker pool	**Target 2.1.1.2** At least 3 national experts and 3 international experts
	Task 2.1.1.3 Invite stakeholders	**Target 2.1.1.3** At least 10 stakeholders per meetings
	Task 2.1.1.4 Organize workshops / conferences / summits	**Target 2.1.1.4** At least one meeting
Activity 2.1.2 Set up a common knowledge platform	**Task 2.1.2.1** Needs analysis	**Target 2.1.2.1** Needs analysis report
	Task 2.1.2.2 Developing internally the platform	**Target 2.1.2.2** An open platform with open contents is available online
	Task 2.1.2.3 Communicate on the common knowledge platform success stories	**Target 2.1.2.3** At least 3 success stories published in media
Activity 2.1.3 Set up an open cloud platform	**Task 2.1.3.1** Needs analysis	**Target 2.1.3.1** Needs analysis report
	Task 2.1.3.2 Developing internally the platform	**Target 2.1.3.2** An open platform with open contents is available online
	Task 2.1.3.3 Communicate on open cloud platform success stories	**Target 2.1.3.3** At least 3 success stories published in media
Activity 2.1.4 Set up a fablab network	**Task 2.1.4.1** Needs analysis	**Target 2.1.4.1** Needs analysis report
	Task 2.1.4.2 Opening fablab with different stakeholders	**Target 2.1.4.2** At least 3 fablabs are open in Mauritius
	Task 2.1.4.3 Communicate	**Target 2.1.4.3** At least 3 medias talk

Activities	Tasks	Targets
	on the project	about the project
	Task 2.1.4.4 Link the local fablab network to the international fablab network	**Target 2.1.4.4** At least 3 partnerships are established with non-Mauritian fablabs
	Task 2.1.4.5 Communicate on fablabs success stories	**Target 2.1.4.5** At least 3 success stories published in media
Activity 2.2.1 Develop technology neutral and vendor independent programs	**Task 2.2.1.1** Needs analysis	**Target 2.2.1.1** Needs analysis report
	Task 2.2.1.2 Design adapted programs	**Target 2.2.1.2** At least one program including open source software, open hardware and capacity building is design
	Task 2.2.1.3 Communicate on program success stories	**Target 2.2.1.3** At least 3 success stories published in media
Activity 2.2.3 Add basis of programming in school programs	**Task 2.2.3.1** Needs analysis	**Target 2.2.3.1** Needs analysis report
	Task 2.2.3.2 Design adapted programs	**Target 2.2.3.2** At least one program including coding is designing
	Task 2.2.3.3 Communicate on the program success stories	**Target 2.2.3.3** At least 3 success stories published in media
Activity 2.2.4 Certify teachers on open concepts	**Task 2.2.4.1** Needs analysis	**Target 2.2.4.1** Needs analysis report
	Task 2.2.4.2 Train teachers	**Target 2.2.4.2** 90% of the ICT teacher are trained
	Task 2.2.4.3 Certify teachers	**Target 2.2.4.3** 80% of the ICT teacher are certify
Activity 2.3.2 Set up a co-working network	**Task 2.3.2.1** Needs analysis	**Target 2.3.2.1** Needs analysis report
	Task 2.3.2.2 Opening co-working locations	**Target 2.3.2.2** At least one co-working location is open

Activities	Tasks	Targets
	Task 2.3.2.3 Communicate on the project	**Target 2.3.2.3** At least 3 media sources talked to about the project
		Target 2.3.2.4 At least 3 partnerships are established with non-Mauritian co-working locations
		Target 2.3.2.5 At least 3 success stories published in media
Activity 2.3.3 Support innovative projects based on open concepts		**Target 2.3.3.1** Provide a need basis report
	Task 2.3.3.2 Advisory board to choice projects and entrepreneurs in residence	**Target 2.3.3.2** At least 3 international experts and 3 national experts
	Task 2.3.3.3 Calls for proposal on innovative projects	**Task 2.3.2.4** Link the local co-working network to the international co-working network
	Task 2.3.3.4 Entrepreneurs in residence	**Task 2.3.2.5** Communicate on the lab success stories
	Task 2.3.3.5 Public private partnership	**Task 2.3.3.1** Needs basis study
	Task 2.3.3.6 Communicate on success stories	**Target 2.3.3.6** At least 3 success stories published in media
Activity 2.4.1 Having a community room at the innovation centre	**Task 2.4.1.1** Buying equipment for the community room	**Target 2.4.1.1** At least equipment to startup projects
	Task 2.4.1.2 Starting up projects	**Target 2.4.1.2** At least 3 projects
	Task 2.4.1.4 Communicate on success stories	**Target 2.4.1.3** At least 3 success stories published in media

Activities	Tasks	Targets
Activity 2.4.2 Manage the innovation centre's fablab	**Task 2.4.2.1** Planning the fablab	**Target 2.4.2.1** At least equipment to start-up projects
	Task 2.4.2.2 Starting up projects	**Target 2.4.2.2** At least 3 projects
	Task 2.4.2.3 Communicate on success stories	**Target 2.4.2.3** At least 3 success stories published in media
Activity 2.4.3 Take part of evens, workshops and conferences	**Task 2.4.3.1** Follow up on Open events in Africa	**Target 2.4.3.1** have at least contacts with at least 3 event organizers in Africa
	Task 2.4.3.2 Be part of events in Africa	**Target 2.4.3.2** Take part of at least 3 events in Africa

PHASE 3: LONG TERM ACTION PLAN FRAMEWORK

Goal	Purpose	Activities	Actions to be supported by the National Computer Board
Goal 3.1 Development of an open ICT sector	Implement sustainable open business models	**Activity 3.1.1** Promote open models in ICT private sector	Organize events
		Activity 3.1.2 Support public tenders including open concepts through public/private partnerships	Coordinate
Goal 3.2 Support of open research and development activities	Encourage innovation	**Activity 3.2.1** Promote thesis in the open concepts sector and big data	Provide scholarships
		Activity 3.2.2 Set up open University labs	Provide technical expertise
		Activity 3.2.3 Encourage university level workshops on open concepts	Provide experts
Goal 3.3 Creation of a more equitable society through the increased access to open and free information	Encourage open and free access to knowledge	**Activity 3.3.1** Promote distance learning	Provide technical expertise
		Activity 3.3.2 Promote open educational resource program	Provide technical expertise
		Activity 3.3.3 Reduce connectivity cost	Provide technical expertise
		Activity 3.3.4 Increase access to Internet infrastructures	Provide technical expertise

Goal	Purpose	Activities	Actions to be supported by the National Computer Board
			Total

LONG TERM ACTIVITY FRAMEWORK

Activities	Tasks	Targets
Activity 3.1.1 Promote open models in ICT private sector	**Task 3.1.1.1** Needs analysis	**Target 3.1.1.1** Need analysis report
	Task 3.1.1.2 Adapted open models workshops	**Target 3.1.1.2** At least 2 workshops with at least 10 stakeholders
Activity 3.1.2 Support public tenders including open concepts	**Task 3.1.2.1** Needs analysis in the public sector	**Target 3.1.2.1** Needs analysis report
	Task 3.1.2.2 Write specific tenders	**Target 3.1.2.2** At least one tender per public entity
Activity 3.2.1 Promote thesis in the open concept sector	**Task 3.2.1.1** Build a public/private consortium	**Target 3.2.1.1** At least 3 national experts and 3 international experts
	Task 3.2.1.2 Identify future PhD students	**Target 3.2.1.2** At least 20 PhD students identified
	Task 3.2.1.3 Ask for thesis proposal	**Target 3.2.1.3** At least 10 thesis proposal received
	Task 3.2.1.4 Propose scholarships to the selected students	**Target 3.2.1.4** At least 5 scholarships distributed
Activity 3.2.2 Set up open University lab	**Task 3.2.2.1** Needs analysis	**Target 3.2.2.1** Needs analysis report
	Task 3.2.2.2 Identify students and university fellows	**Target 3.2.2.2** At least 20 people identified
	Task 3.2.2.3 Open a lab	**Target 3.2.2.3** At least one room with lab equipment
	Task 3.2.2.4 Communicate on the lab success stories	**Target 3.2.2.4** At least 3 success stories published in media
Activity 3.2.3 Encourage university	**Task 3.2.3.1** Needs analysis	**Target 3.2.3.1** Needs analysis report
	Task 3.2.3.2 Build speaker pool	**Target 3.2.3.2** At least 6 speakers

Activities	Tasks	Targets
level workshops on open concepts	**Task 3.2.3.3** Invite stakeholders	**Target 3.2.3.3** At least 10 stakeholders
	Task 3.2.3.4 Organize workshops	**Target 3.2.3.4** At least 2 workshops
Activity 3.3.1 Promote distance learning	**Task 3.3.1.1** Needs analysis and benchmark	**Target 3.3.1.1** Needs analysis and benchmark report
	Task 3.3.1.2 Design of distance learning program	**Target 3.3.1.2** At least one program design in partnership with at least 3 international entities
Activity 3.3.2 Promote open educational resource program	**Task 3.3.2.1** Needs analysis and benchmark	**Target 3.3.2.1** Needs analysis and benchmark report
	Task 3.3.2.2 Design of open educational resource program	**Target 3.3.2.2** At least one program design in partnership with at least 3 international entities
Activity 3.3.3 Reduce connectivity cost	**Task 3.3.3.1** Need analysis and benchmark	**Target 3.3.3.1** Need analysis and benchmark report
	Task 3.3.3.2 Action plan and activities to reduce connectivity cost	**Target 3.3.3.2** National connectivity cost reduced from 25%
Activity 3.3.4 Increase access to Internet infrastructures	**Task 3.3.4.1** Need analysis and benchmark	**Target 3.3.4.1** Needs analysis and benchmark report
	Task 3.3.4.2 Action plan and activities to increase access to Internet infrastructures	**Target 3.3.4.2** Increase Internet user to 70% (http://data.worldbank.org/indicator/IT.NET.USER.P2)

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