

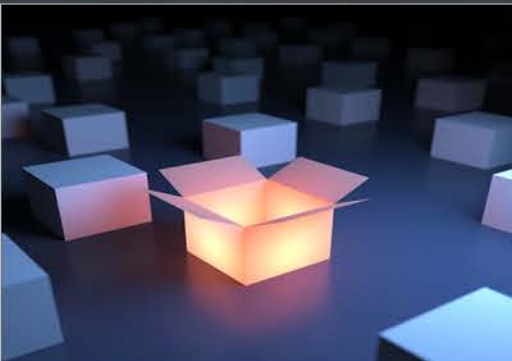


Ministry of Technology, Communication
and Innovation

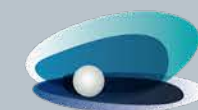


ICT / BPO Workshop 2015:

"Catalyzing the ICT / BPO Industry and redefining the vision for the Industry"



Identification of New Growth Areas



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Points Discussed - New Growth Areas

- SMAC – Social, Mobile, Analytics & Cloud
 - Cloud computing
 - Direct Peering with South Africa to develop Mauritius as a hub
 - Disaster Management Centres
 - Mauritius as a recovery centre for Africa – due to location
- Big Data & Internet of Things
 - Development of applications as per the requirements of the local market
 - Position Mauritius as hub for African big data – collect public available data and develop competencies
 - Open data readiness of the World Bank
 - Move to IPv6

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Points Discussed - New Growth Areas

- Mobile Payment
 - Reduction in cost of cash and FDI savings
 - Trend towards cash-less transactions
 - Increased e-commerce transactions
- 3D Printing
 - Provide 3D printing services
 - Service African markets
- Open Source
 - Create a showcase of open source platforms
- Smart Cities
 - Development of ICT related infrastructure (broadband, e-payment, green, free wifi & security) – leadership in technology for positioning in Africa
(integrated investment by land owners, developers and technology providers)

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Issues Raised

- Human capital
 - Lack of employment-ready human capital
 - Outdated & Archaic education system
- Investment in infrastructure
 - Large investment outlay in new cable systems & related ICT infrastructure
- High connectivity costs
 - Lack of broadband service providers
- Open data policy for big data
 - Legal implications – data protection

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Proposed Actions

- Human capital
 - Promote Mauritius to young foreign ICT entrepreneurs to set up start ups and develop the ICT ecosystem in the country
 - Attract international training institutions/universities (such as Ecole 42) to provide advanced ICT training
 - Promote and market ICT as a career path to secondary level students
 - Develop reskilling courses for university qualified students to enhance their coding skills and improve their readiness for employment (boot camp)
 - Refresher courses for teachers (boot camp)
 - Introduce coding instead of learning computing (eg: Raspberry PI)
- Promote entrepreneurship in ICT
 - Set up of more accelerators

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Proposed Actions

- Investment in infrastructure
 - Tap into funds from international agencies to fund infrastructural projects
 - Set up of a consortium representing ICT operators to invest in common infrastructure cloud facilities
- High connectivity costs
 - Investment in additional submarine cable to increase competitiveness
- Mobile Payment
 - Set up of a national switch to connect all payment gateways and banks in Mauritius to lower transaction costs – allowing developers to monetize their applications.
- Big Data
 - Govt act as a catalyst of big data services to solve issues (traffic management etc..)

New Growth Areas Ecosystem

