infoDev work program: highlights and future directions

Tim Kelly, Seth Ayers
infoDev donor’s committee meeting, 10 June 2010
## FY2010-2012 Work Program:
As presented to donors in Jan 2009

<table>
<thead>
<tr>
<th>Innovate</th>
<th>Connect</th>
<th>Transform</th>
</tr>
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<tbody>
<tr>
<td>Funding secured or committed</td>
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<tr>
<td>Business incubation and technology</td>
<td>ICT Regulation Research</td>
<td>ICT for education</td>
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<td>entrepreneurship</td>
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<td>Clean Tech</td>
<td>Broadband for development</td>
<td>ICT in Agriculture</td>
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<td>Global Forum</td>
<td>Mobile applications for development</td>
<td>Using GIS to map and measure development outcomes</td>
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<tr>
<td>Partially funded or unfunded activities</td>
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<tr>
<td>Regional and Thematic Business</td>
<td>Global Capacity Building Initiative for ICT</td>
<td>ICT4E Policy-Makers Toolkit</td>
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<td>Incubation Networks</td>
<td>Regulators</td>
<td>ICT for disaster relief</td>
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Since Jan 2009, a number of significant “vertical” programs have been added:

- Finland / Nokia Creating Sustainable Businesses in the Knowledge Economy
- UK (DFID) Climate Technology Program
- Canada (CIDA) Entrepreneurship Program for Innovation in the Caribbean
- Brazil (MCT) Technology for Inclusion, Innovation and Sustainability
With its new business model and a focus on technology entrepreneurship, enterprise creation and grassroots innovation, infoDev is targeting to achieve its highest ever donor contributions in FY2010, some 17% higher than forecast.
Total expected resources = US$24m (including carryover from FY 2010).

Note: For Korea, excludes allocations by infoDev to other parts of the World Bank Group.
FY2010 highlights: Innovate

• Launched first-of-its kind climate technology program:
  - Completed feasibility in Kenya and India
  - Initiated good practice assessment on climate innovation centers

• Developed a state-of-the-art business incubation manager training program
  - Trained 360 business incubation professionals

• Hosted the 3rd Global Forum on Innovation and Entrepreneurship in Brazil
  - Attracted over 1,000 participants from 70 countries
  - Launched a Caribbean Incubation Business Association
FY2010 highlights: Innovate

- Supported the establishment of the first business incubator in Nicaragua, Tanzania, Mozambique, Senegal, Mongolia and Pakistan
  - In Mozambique and Senegal IFC funding has been leveraged 1:4/1:5
  - In Mongolia and Pakistan the business models are being replicated nationally
- Facilitated global working groups on women, youth and ICT entrepreneurship
- Good practice policy frameworks to support business incubation
- Enhancement of iDISC as tool for SME development and business incubation

<table>
<thead>
<tr>
<th></th>
<th>Jan 2008</th>
<th>May 2010</th>
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<tbody>
<tr>
<td>Incubators</td>
<td>130</td>
<td>300</td>
</tr>
<tr>
<td>SMEs</td>
<td>1,800</td>
<td>20,000</td>
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<tr>
<td>Jobs</td>
<td>7,000</td>
<td>220,000</td>
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Nearly 80% of users noted iDISC as important, highly important, or imperative to the development of their SME program.
FY2010 highlights: Connect

• ICT Regulatory Research
  - ICT Regulation Toolkit: Modules 1, 2 and 7 updated
  - Interactivity improved with user-generated content function
  - Usage reached over 800 site visits per day

• Broadband for development
  - Building Broadband report published
  - Broadband Strategies Toolkit concept note finalized and project coordinator commissioned
  - Joint infoDev/OECD workshop on broadband for development at IGF, Egypt, November 2009

• Virtual Economy
  - Knowledge Map commissioned
  - Workshop planned for December 2010
FY2010 highlights: Transform

• ICT for Education
  - Survey of ICT for education in India and South Asia published (third in series of regional reports)
  - EduTech debate community of practice launched and reaches 900 members
  - Low-cost user device guide updated

• Policy coherence in ICT4D
  - Joint workshop with OECD, September 2009
  - Report published, with OECD, January 2010

• ICT in Agriculture
  - ICT in Agriculture Sourcebook: Concept note and draft table of contents approved, and chapters commissioned

• eGovernment
  - eGovernment primer published
  - Public Private Partnerships in eGovernment, knowledge map published
infoDev-Finland-Nokia Program

Creating Sustainable Businesses in the Knowledge Economy

• **Track 1: Mobile Applications**
  - Regional mobile applications labs in Africa, Asia and ECA
  - Social networking communities for Africa, Asia and ECA
  - Competition and capacity-building in ECA

• **Track 2: Innovation and Entrepreneurship through Business Incubation**
  - The first global SME internationalization program leveraging incubators
  - An agribusiness program to stimulate business creation through business incubation
  - Capacity building for policymakers to enable technology entrepreneurship
  - Facilitation of access to finance for technology entrepreneurs in Africa and Asia
  - Impact assessments of business incubation
  - Training for business incubator managers
  - Country programs in Cambodia, Kenya, Mozambique, Nepal, Tanzania, Uganda and Vietnam, and in selected ECA countries

• **Track 3: Global Forum on Innovation and Entrepreneurship, Finland, 2011**

• **Supporting Track: Agriculture Sourcebooks**
  - ICT in Agriculture and Agricultural Innovation Systems with ARD
Creating Sustainable Businesses in the Knowledge Economy

• Regional launches
  - Africa (March 17), Asia (March 15) and ECA (May 5)

• Mobile applications
  - Focus Group meetings held in Kampala, Nairobi, Johannesburg and Cape Town
  - 39 potential host organisations from 13 countries responded to call for expressions of interest
  - Mobile Monday social networking hubs launched in Kampala (8 March) and Nairobi (11 March)

• Agribusiness incubation
  - Project implementation plan approved
  - Agribusiness incubator working group launched

• Global Forum
  - Dates (30 May to 3 June 2010) and venue (Helsinki) confirmed

• Sourcebooks
  - Two Sourcebooks commissioned, on ICT in Agriculture and Agricultural Innovation Systems
Feasibility

• Assess the feasibility for establishing Climate Innovation Centers (CICs) in three developing countries to:
  1. Accelerate the development and transfer of locally relevant technologies for mitigation and adaptation of climate change
  2. Support green growth through private sector and SME development for job and wealth creation
  3. Promote the commercialization and deployment of innovative climate solutions for use by the BOP

Innovation Centre Analytical Report with UNIDO

Implement

• Based on the outcomes of the feasibility studies, implement CICs in each country over a 4-5 year period

Network

• Network centers internationally to promote south-south learning, business linkages and exploit synergies.
CIC Process & Progress

Process

- Stakeholder identification and outreach
- Sector mapping: Main issues
- Workshop 1: Brainstorming and networking
- Follow up: Quantitative analysis
- Workshop 2: Model design and working groups
- Develop proposal with key stakeholders and government endorsement

Implementation

India Workshop
CIC Business Plan
Due mid July

Kenya Workshop
CIC Business Plan
Due end July
Entrepreneurship Program for Innovation in the Caribbean (CD $20M)

• **Component I:**
  - Support and expand the Caribbean Network of business incubators, including establishing 6 new business incubators in the region

• **Component II:**
  - Provide job related skills upgrading for incubator managers and resources for policymakers

• **Component III:**
  - Develop a regional MSME Seed Fund
infoDev’s impact, via its community

infoDev.org
Visitors per day (2001-2010)

infoDev’s websites account for 82% of web traffic of World Bank/IFC’s ICT-focused traffic

Newsletter subscribers (2001-2010)

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<th>Year</th>
<th>Subscribers</th>
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ICT in Education Toolkit
iDisc.net
ICT Regulation Toolkit

Educational Technology Debate
Exploring ICT and Learning in Developing Countries
infoDev’s community wants more interaction

March 2010: 550 followers

June 2010: 670 followers

22% increase
Looking ahead (Innovate)

**Broaden**

- Implement climate innovation centers and agribusiness incubators
- Expand the SME internationalization program
- Expand the technology entrepreneurship policy program
- Customize (by sectors/regions) and deliver business incubation training
- Deepen our understanding of SME performance post-incubation
- Establish new incubators

**Deepen**

- Leverage infoDev’s business incubation and SME network to develop an Access to Finance program
- Develop youth and women technology entrepreneurship programs
- Pilot a Base-of-the-Pyramid technology commercialization program

**Retain Focus**

- Business incubation regional networks
- iDisc
- Global Forum on Innovation and Entrepreneurship
Looking ahead (Connect)

**Broaden**

- Expand the regional networks of mobile applications labs
  - Franchising model?
  - Additional regions/sub-regions

**Deepen**

- Complete the Broadband Strategies Toolkit, with phase 3 on training materials
- Improve the level of interactivity and develop communities of practice for Toolkit products

**Retain Focus**

- Role of ICTs in post-conflict reconstruction
- Phase 2 of virtual economy study (practical interventions)
- Leverage experience with regulatory and policy capacity-building in ECA to offer expanded training program

- ICT Regulation Toolkit
- Telecom Regulation Handbook
- Policy and regulatory capacity-building
Looking ahead (Transform)

**Broaden**

- Complete the series of regional surveys of ICT for education
- Further develop EduTech debates to incorporate live debate series
- Internationalize the ICT for Education policy-makers toolkit
- Analytical work on ICT-enabled clean tech and its role in climate change adaptation

**Deepen**

- Diversify work on mainstreaming ICTs into additional sectors, such as disaster risk management, energy, green growth, agriculture and rural development
- Analytical work on transformative effect of mobile applications (IC4D2012)
- GIS/SDI applications

**Retain Focus**

- Regional surveys of ICT for education
- Trusted source for Knowledge maps, Sourcebooks and Toolkits
infoDev Donor’s meeting

Clean, Green and Mobile

Making Technology Work for the Poor

June 10 2010