Key Considerations for Development and Social Welfare in the Digital Era

What should be the key considerations for ensuring Development and social welfare?

Role of national and regional organizations.
Digital Age

Reshaping the Future of People, Nations and Business

Realizing the full potential of tomorrow’s technologies to contribute to human well being depends heavily on our capacity to manage the change.

However,

This new potential and opportunity is accompanied by significant challenges and possible threats for many societies!
### Perspective

<table>
<thead>
<tr>
<th>Year</th>
<th>World Population</th>
<th>Connected Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>6.3 Billion</td>
<td>0.08 Per Person</td>
</tr>
<tr>
<td>2010</td>
<td>6.8 Billion</td>
<td>1.84 Per Person</td>
</tr>
<tr>
<td>2015</td>
<td>7.2 Billion</td>
<td>3.47 Per Person</td>
</tr>
<tr>
<td>2020</td>
<td>7.6 Billion</td>
<td>6.58 Per Person</td>
</tr>
</tbody>
</table>

Source: Cisco IBSG, April 2011

**Today:**
80 things/second

**2020:**
250 things/second
ENVISIONING TECHNOLOGY’S POTENTIAL: OPPORTUNITIES AND RISKS?
Millennium Development Goals

1. Reduce poverty and social exclusion
2. Achieve universal primary education
3. Promote gender equality and empower women
4. Reduce child mortality
5. Improve maternal health
6. Combat HIV/AIDS and tuberculosis
7. Ensure environmental sustainability
8. Partnership for development
Goals for Sustainable development

1. No Poverty
2. Zero Hunger
3. Good Health and Well-being
4. Quality Education
5. Gender Equality
6. Clean Water and Sanitation
7. Affordable and Clean Energy
8. Decent Work and Economic Growth
9. Industry, Innovation and Infrastructure
10. Reduced Inequalities
11. Sustainable Cities and Communities
12. Responsible Consumption and Production
13. Climate Action
14. Life Below Water
15. Life on Land
16. Peace and Justice, Strong Institutions
17. Partnerships for the Goals
MENA Region

- MENA Population: 355 million
- Mobile Internet Penetration: 116%
- IoT Devices in MENA in 2015: Around 70 million
- Est. Value of IoT Market 2015: $1.95 billion

"We are going to focus more on machines and less on people" - Deloitte

"While IoT has matured significantly...we've barely scratched the surface" - Verizon
Four main Keys for Considerations

- Protect the culture and the true human values
Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Building Digital capability for a high sustainable quality of education

- Teaching is simply the art of helping others to learn effectively,
- Teaching consists of a number of inter-related activities.
- Teaching intends to influence the learner to acquire behaviours that contribute to better living.
Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

- Deployment of ICTs and the development of applications must be rooted in the realities of local circumstance and diversity.

- Governments have an important part to play in creating the enabling environment in which innovations and investments can flourish while serving as a lead client in adopting new innovations and technologies.
Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

- Internet Governance
- Smart Policies for a strong legislation
- Effective use of ICTs will require cross-sectoral collaboration and a multi-stakeholder approach, based on open data and open innovation.
Internet Governance

2014

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High level Arab Regional Forum

Digital Economy: Opportunities and Challenges for Arab National Economies "Over the Top" Case
Major Components of the Arab Dialogue on Internet Governance

- Call for Arab Stakeholders
- Join Public Meetings and Consultations
- Collaborative Roadmap on IG
- Study On Internet Governance
- A proposed Arab IGF concept
- Interactive Observatory
THANK YOU.