Global Challenges – Global Opportunities:
Sustainable Development, post2015 Development Agenda, ICT and Youth Engagement

Miroslav Polzer, IAAI

West Africa Regional Workshop on Youth, Information and Communication Technologies and Global Challenges
About IAAI:

International Association for the Advancement of Innovative Approaches to Global Challenges is an ECOSOC and UN DPI accredited civil society organization based in Klagenfurt am Wörthersee/Austria.

IAAI develops and implements science based conceptual and technological innovations for local level resource mobilization for sustainable development (“GloCha System”) and has been heavily involved in Rio+20 UN conference on Sustainable Development by facilitating Rio+20 Issues Cluster on Innovation and organizing Rio+20 Global Youth Music Contest.
IAAI Contributing to the post2015/SDG Debate:

**GloCha & SDGs 1**
IAAI/GloCha Side Event to OWG 6
„UN System Partnering with Civil Society on Resource Mobilization for Sustainable Development”

**GloCha 6 SDGs 2**
photo: IAAI/GloCha Side Event to OWG 7
„With Foresight, Games & Information and Communication Technologies Towards Sustainable Cities”

Member of GPY2015 and WWW PSG
Sustainable Development

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs".

http://en.wikipedia.org/wiki/Brundtland_Commission
Ravi Karkara (UN Habitat & UN Millennium Campaign) video
What? – New Thinking

SDGs = Identifying the Ocean of Resources that are critical/essential for Wellbeing
SD Resources = Global Common = Co-owned by all Humanity
We are Trustees of these Resources for Future Generations
Everybody Can and Shall Contribute – Leadership?
What does it mean to be a global citizen?

Universal Declaration on Human Rights:

• **Article 1**
  All human beings are born free and **equal in dignity and rights**. They are endowed with reason and conscience and should act towards one another in a spirit of brotherhood.

• **Article 29.**
  (1) Everyone has duties to the community in which alone the free and full development of his personality is possible.
Graph: Local provision of Global Public Goods - aligning action and resource use decisions of global citizens and local communities with vision, goals and work of United Nations system (SDGs, ..)
Who? – Leadership?

SD Partnership - Public Sector Innovation: Global Citizens as Public Good Providers
Connecting Global Citizens (=drops of water) with SDGs (ocean)
Local Provision of Global Public Goods – identifying and incentivizing global public good added value of local action of citizens and cities
It is all about Information!

& You
How?

15/15/15


Increasing Supply and Demand Side for GloCal Public Goods

Call for Reporting and Monitoring Entry Points in SDG Implementation Architecture
Youth and Music –
The Social Energy Power Plant
Where?

Everywhere + internet

Klagenfurt am Wörthersee – Knowledge and Technology Hub (Conference June 2014)

Global Challenges Youth and ICT Centers as Access Points
# The IAAI / GloCha System

**Innovative Thinking, Partnerships, Institution Building, Knowledge and Technology for SD Action**

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<th>Local Communities/Cities/National authorities</th>
<th>Target Groups / Partners</th>
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<th>United Nations System</th>
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<td><strong>Innovation / Rationale</strong></td>
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<td><strong>Priority</strong></td>
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<td><strong>West Africa (Pilot Region 1)</strong></td>
<td><strong>Southeast Europe (Pilot Region 2)</strong></td>
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<tr>
<td>Empowering and Engaging West African Youth/Entrepreneurs in global Challenges Action Networks = Resource Mobilization (Knowledge, Funding, Social Energy) for global &amp; local public good value generation = post-2015 Sustainable Development</td>
<td><strong>Global Citizenship/Youth/InnovatorCrowd</strong></td>
<td><strong>Everybody Can and Shall Contribute to Sustainable development</strong></td>
<td><strong>Call for Action and impact oriented Global Public Sector Innovation</strong> / Global Social Contract</td>
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<td><strong>Institution Building</strong></td>
<td><strong>Global Challenges Giving Pledge</strong></td>
<td><strong>Education for Sustainable Development is a Global Public Good that shall be (co)financed globally</strong></td>
<td><strong>UN SDG Open-ended Working Group on Strengthening of the UN through Multistakeholder Action, Innovation and Young Engagement</strong></td>
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<td><strong>GloCha Center Accra/Ghana</strong> (plus. e.g. Nigeria, Liberia, Burkina Faso): Space, connectivity, global Interaction platform Youth 2D action</td>
<td><strong>Klagenfurt Youth ICT4SD Hub</strong></td>
<td>Building the Knowledge Base and ICT Infrastructure for Youth Engagement in SD Action</td>
<td><strong>UNIDO SWAP</strong> Entrepreneur Hub (in the context of Klagenfurt Hub)</td>
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<td><strong>Capacity Building</strong></td>
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<td><strong>Funding</strong></td>
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<td>Education for Sustainable Development/Global Literacy/Foresight (Shared Vision building)</td>
<td>Online training (with certificates towards a trusted member/evaluator/manager of GloCha Global Action Network) based on Courses and Transdisciplinary tech</td>
<td><strong>Open Educational Resources Management</strong> / <strong>Citizen Science Programs 4 SD</strong></td>
<td><strong>UNESCO</strong> / <strong>UN Global Education First Partnership</strong></td>
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<td><strong>Social Entrepreneurship training</strong></td>
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<td><strong>UN Major Groups Organizing Partner NGO</strong></td>
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<td><strong>Digital entrepreneurship, social entrepreneurship</strong></td>
<td><strong>Training on Global Challenges related Micro-Social Entrepreneurship for Young Employment</strong></td>
<td><strong>UN DPI (Information education channels)</strong> / <strong>UNAOC (Media Literacy, Youth, Culture4SD)</strong></td>
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<td><strong>Micro-Mentoring</strong></td>
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<td><strong>Technical Support and Knowledge Management</strong></td>
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<td>Provider of Satellite based internet services</td>
<td><strong>Sustainable Development Action</strong> Monitoring, Verification and Crowdfunding for Funding and Games</td>
<td><strong>Monitoring, Verification and Crowdfunding of Sustainable Development Action of Schools for Crowdfunding</strong></td>
<td><strong>UN Office for Sustainable Development, Seoul, Global Environment Facility (GEF), UNEP</strong></td>
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<td>Sustainable Development Action Monitoring, Verification and Crowdfunding for Funding and Games</td>
<td><strong>Sustainable Development Action</strong> Facilitation, Monitoring, Verification and Crowdfunding for Funding and Games</td>
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<td><strong>Research &amp; Standard Setting</strong></td>
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<td><strong>Competitions and Campaigns</strong></td>
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<td><strong>Technology/Apps Development (Identifying challenges and dev potentials, building trust)</strong></td>
<td><strong>Global Challenges Youth Actionpedia</strong></td>
<td><strong>Global Challenges Participedia</strong></td>
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<td><strong>Resource Mobilization/Financial Services</strong></td>
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<td>Support Access to Crowdfunding and global philanthropy innovation (incl. Diaspora Networking)</td>
<td><strong>Facilitating Access to Crowdfunding and (global) philanthropy innovation (e.g. with The Giving Pledge)</strong></td>
<td><strong>Donorschoo</strong> type crowdfunding for ESD activities on Schools (related to region)</td>
<td><strong>Market formation: Local Provision of Global Public Goods (with Markets for Good, etc.)</strong></td>
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<td><strong>Event Management</strong></td>
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<td>Cultural &amp; Sports events for SD</td>
<td><strong>Conference SD, Innov &amp; Youth</strong></td>
<td><strong>IAAI SideEvent @ UNCSD 25, CPC</strong></td>
<td><strong>UN SA 60</strong> Thematic Debate on Africa, Youth, ICT and post2015 (with GK), etc.</td>
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Steps in building
Global Challenges Action Network

• Let the Music talk, let the rhythm play, let the world know hat the youth have to say
• Let’s connect through Information Exchange
• Let’s share resources
Global Hub on Youth, ICT and Innovation 4 Sustainable Development
Global Challenges Youth and ICT Centers network shall develop into a fast growing global “innovation ecosystem” and global “network of trust” that will empower Local Communities and Young People in developed as well as underdeveloped countries and locations to address in a Global Action Network framework concrete social challenges such as Gender Equality, Youth Employment, Equity and Sharing of Resources, Social Cohesion, Security and Conflict Resolution in the context of globally agreed post2015 sustainable development goals and global climate change mitigation and adaptation framework.
3. A vision for a better tomorrow: a social sector powered by information.

More Information, More Insight, Better Decisions
Imagine a sector where the whole is greater than the sum of its parts. Where experiences, learning, and views are shared freely and easily, enabling better decisions, better actions, and better results.

The image above depicts a vision for a more efficient social sector. It is a system in which beneficiaries have a voice; nonprofits and social businesses have information and feedback on their programs and activities so they can learn, adapt and scale; and in turn, funders have – and use – the information they need to make informed investments, grants, and donations. In addition, other stakeholders, such as policy makers, researchers, multilaterals, consultants, and board members, can access information to inform their own decisions. In this system stakeholders have easy access to the information they need to make important decisions, and feedback loops foster a system of continual learning and improvement.

Centered on a System of Shared Knowledge
The key difference between today’s system and the vision of the future above is the presence of connected information and knowledge that operates at the heart of the sector. Whereas today the sector experiences limited supply and demand for information, in the future the sector will benefit from the free flow of quality, accessible information, assisting and engaging all stakeholders. Information on social issues, interventions, organizations, and resources, generated by different types of organizations, from nonprofits to the government to multilaterals to beneficiaries themselves, will be connected and accessible. Individually this information is useful. Cross-referenced and connected, it is potentially transformative in its ability to allow stakeholders to make better decisions about budgets, strategies, services, policies, and more.

Social Issues
Baseline social indicator data and information on the breadth, depth, addressability, and drivers of issues, including beneficiary needs

Interventions
The goals, strategies, and programs for addressing social issues, and data, research and feedback on their outcomes and “what works”

Organizations
The goals, strategies, activities, operations, and finances of organizations, their effectiveness, and their impact

Resources
Details of the grants, donations, investments, volunteer time, and other human capital that support interventions and organizations

E.g.: Nurse-Family Partnership is a program that provides pre-natal and post-natal care to low-income mothers and their young children.
**Figure 4**

Production path of global public goods

1. **Incentives**
   Encouraging actors to deliver direct and indirect inputs or to change behavior to account for social concerns

2. **Political pressure**
   Lobbying governments to fund or deliver goods and services

3. **Coercion**
   Compelling individuals and firms to change their behavior to account for social concerns

4. **Domestic preferences**
   Reflecting the choices on desired state action by national constituents

5. **Opportunity**
   Offering households and firms the possibility of consuming goods and services that generate externalities that enhance the provision of the public good

6. **Consumption**
   Consuming goods and services made available to enhance the provision of the public good

7. **External preferences**
   Reflecting the choices on desired state action by international constituents

8. **Externality**
   Emerging as a result of individual action

*Note:* The figure is based on the assumption that the good follows a "summation" aggregation technology. Intermediate public goods (like norms and standards) serve as inputs to a final public good.
Global Challenges World Cup™*

Humanity United through Music, Sport and Sustainable Development Action

Global Challenges World Cup aims at harnessing the Potentials of Sport for Promotion of Pro-social behavior and Sustainable Development action through organization of global challenges related sports, music and informal education activities on local level/city level with a particular focus on Youth engagement and Youth empowerment.

Starting with GCWC pilots in Europe (Strasbourgh 2016 tbc) the program and networks shall be developed further towards similar tournaments in other regions (e.g. Africa, Golf Countries, etc.) with the long-term vision of organizing with leading international sports associations (FIFA, IOC, ..) and leading technology and management partners an ambitious program with global coverage in the context of FIFA World Championship Doha 2022.
Global Challenges on everybody‘s mobile devices! 😊

Thank You for Your attention!

more info: www.glocha.info