Innovative Capacity Development through E-Learning

Volker Lichtenthaler,
Senior Project Manager, GIZ E-Academy
Bonn, Germany 2011
Purpose of the organisation

**GIZ’s purpose** is to promote international cooperation for sustainable development and international education work.

As a 100% federally owned, public-benefit enterprise, we support the German Government in achieving its development policy goals.

**Working efficiently, effectively and in a spirit of partnership**, we support people and societies in developing, transition and industrialised countries in shaping their own futures and improving living conditions.
GIZ worldwide

- GIZ operates in more than 130 countries worldwide.
- GIZ employs approximately 17,000 staff members worldwide, more than 60% of whom are local personnel.

In addition there are:
- 1,135 technical advisors
- 750 integrated and 324 returning experts
- 700 local experts in partner organisations
Capacity Development
Learn anytime and teach anywhere

Meet and co-operate across continents and cultures

Exchange and discuss results and opinions

Share experiences when putting lessons into practice
Global Campus 21® Facts and Figures

• More than 60,000 registered users, 9,000 new every year
• Currently 1300 working environments for training and collaboration
• 24,000,000 pageviews per year
• 8 user interface languages
  Content and discussions in English, German, French, Spanish, Russian, Arabic, Italian, and Chinese
• Rich communication options, easy to use
• Built-in authoring tools, application farm
## Types of E-Learning, their characteristics

<table>
<thead>
<tr>
<th></th>
<th>Low tech. req's</th>
<th>Specific learning software can be used</th>
<th>Easy content maint.</th>
<th>Low tutoring cost</th>
<th>Learner tracking possible</th>
<th>Individ-ual feedback and support</th>
<th>Group work and peer feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self paced learning, offline</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Self paced learning, online</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tutor assisted learning, online</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collaborative learning, online</td>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Preferred practice in giz (InWEnt’s) programmes is often **blended** with face-to-face learning, field work and follow-up activities. This mode allows social and situated learning, good motivation, low drop-out.
ISO 9241-110: Ergonomics of human-system interaction, dialogue principles:

1. suitability for the task;
2. self-descriptiveness;
3. conformity with user expectations;
4. suitability for learning;
5. controllability;
6. error tolerance;
7. suitability for individualization.
ISO 9241-110: Ergonomics of human-system interaction, dialogue principles:

1. suitability for the task;
2. self-descriptiveness;
3. conformity with user expectations;
4. suitability for learning;
5. controllability;
6. error tolerance;
7. suitability for individualization.
Instructional Design

Information + Interaction Design

• UX und Interface

Participatory Design

• Social Media

• LMS & Content
Instructional Design

• LMS & Content

Information + Interaction Design

• UX und Interface

Participatory Design

• Social Media
Learning happens during interaction

Human learning occurs by interacting with the outside world. People learn about things through observation, trial-and-error and experiment. Learning brings deeper levels of understanding, an integral part of one's knowledge. Interaction is the method by which humans learn about the world and the people and things in it.

Quoted from: User Experience and Human Learning. The underlying thinking of how people learn, acquire knowledge, and understand. Peter J. Bogaards - September 2003
Example: Tutored Online Course 'Financial Management'
New formats

www.gc21-eacademy.mobi
GIZ Programme “Capacity Building for E-Learning”

- Regular long and short courses on e-learning methodology, passed by > 1000 participants
- Targeted support for team and institution building
- Promotion of a worldwide network of competence groups
- Partners are licenced to re-deliver the courses in their respective institutions / countries
- Focus regions: Africa, South East Asia, Latin America, Central Asia, Caucasus
What we can offer our customers:

- Support for specific e-learning project(s)
- Lease of existing courses
- Use of platform Global Campus 21
- Strategic and managerial advice in capacity building
- Methodological training
- Tools training
- Lease of existing courses
Contact:

GC21 E-Academy: volker.lichtenthaeler@giz.de