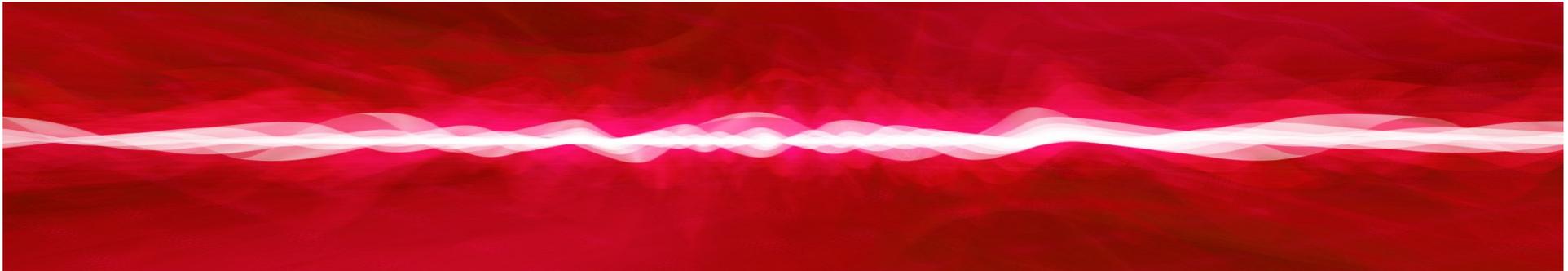
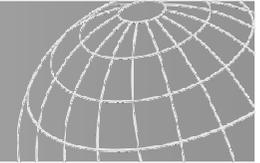


# Innovative Capacity Development through E-Learning



**Volker Lichtenthäler,**  
Senior Project Manager, GIZ E-Academy  
Bonn, Germany 2011



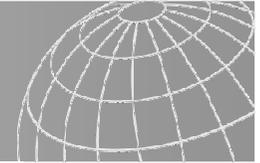
## Purpose of the organisation

**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.





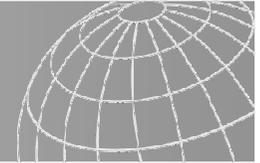
# GIZ worldwide

- 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:

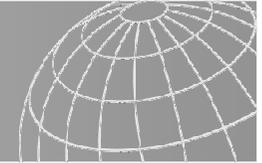
- 1,135 technical advisors
- 750 integrated and 324 returning experts
- 700 local experts in partner organisations





# Capacity Development





**Meet and co-operate across continents and cultures**

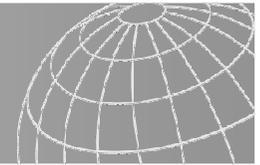
**Learn anytime and teach anywhere**



**Share experiences when putting lessons into practice**

**Exchange and discuss results and opinions**



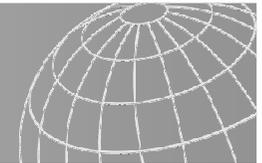


## ▪ Global Campus 21® Facts and Figures



- 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 
- Rich communication options, easy to use
- Built-in authoring tools, application farm

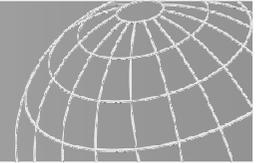




## Types of E-Learning, their characteristics

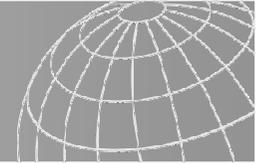
	Low tech. req's	Specific learning software can be used	Easy content maint.	Low tutoring cost	Learner tracking possible	Individual feedback and support	Group work and peer feedback
<b>Self paced learning, offline</b>	✓	✓		✓			
<b>Self paced learning, online</b>			✓	✓	✓		
<b>Tutor assisted learning, online</b>			✓		✓	✓	
<b>Collaborative learning, online</b>			✓		✓	✓	✓

**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.**

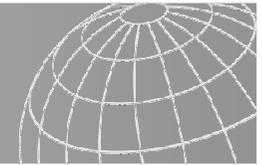


## ISO 9241-110: Ergonomics of human-system interaction, dialogue principles:

1. suitability for the task;
2. self-descriptiveness;
3. conformity with user expectations;

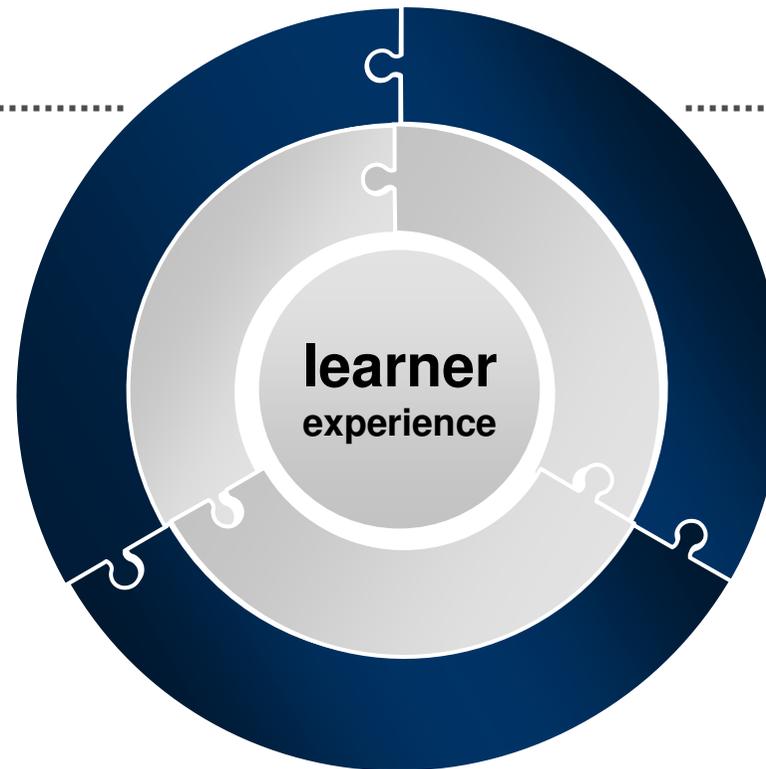
## 4. suitability for learning;

5. compatibility;
6. error tolerance;
7. suitability for individualization.



**Information +  
Interaction Design**

- UX und Interface

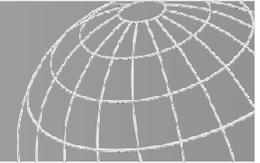


**Instructional Design**

- LMS & Content

**Participatory Design**

- Social Media



**Information +  
Interaction Design**

- UX und Interface

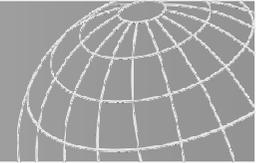
**Instructional Design**

- LMS & Content



**Participatory Design**

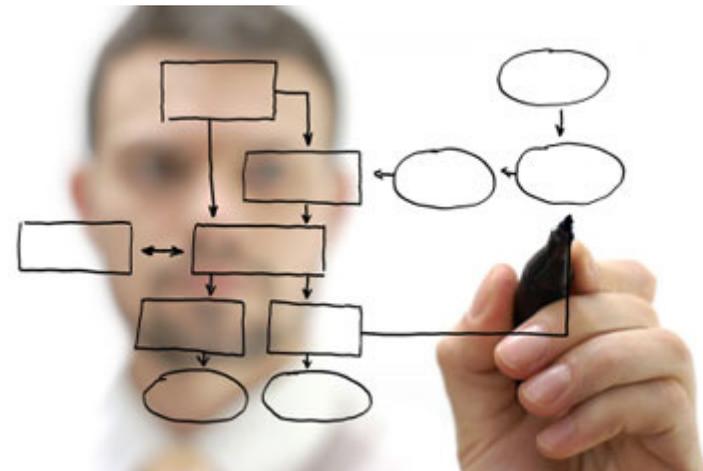
- Social Media



## 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'



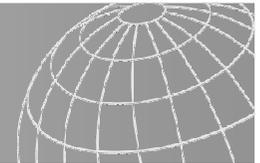
The screenshot shows the GC21 eAcademy website interface. At the top, there is a navigation bar with links: Home, Courses, Quality, Fees & Grants, FAQ, Mobile, and My GC21. The main content area is titled "Start Financial Management" and includes a sidebar with "Ressources for you" (What's new?, Online Modules, Communication, Participants and tutors, Survey) and "Resources for Tutors".

The central focus is a video player window titled "Internal financing". The video content includes:

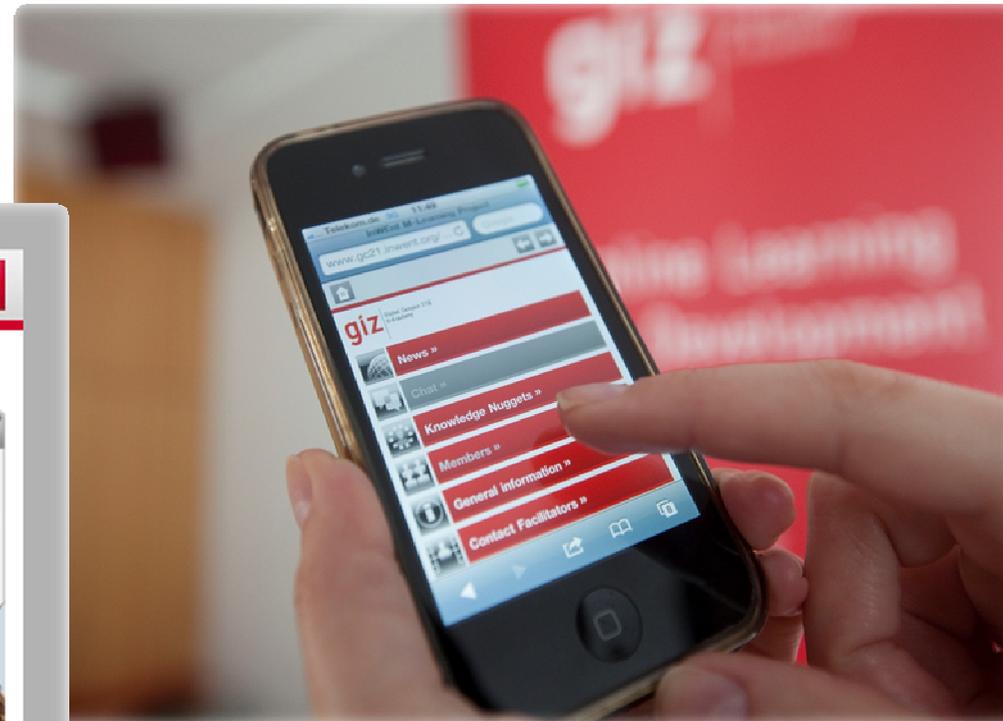
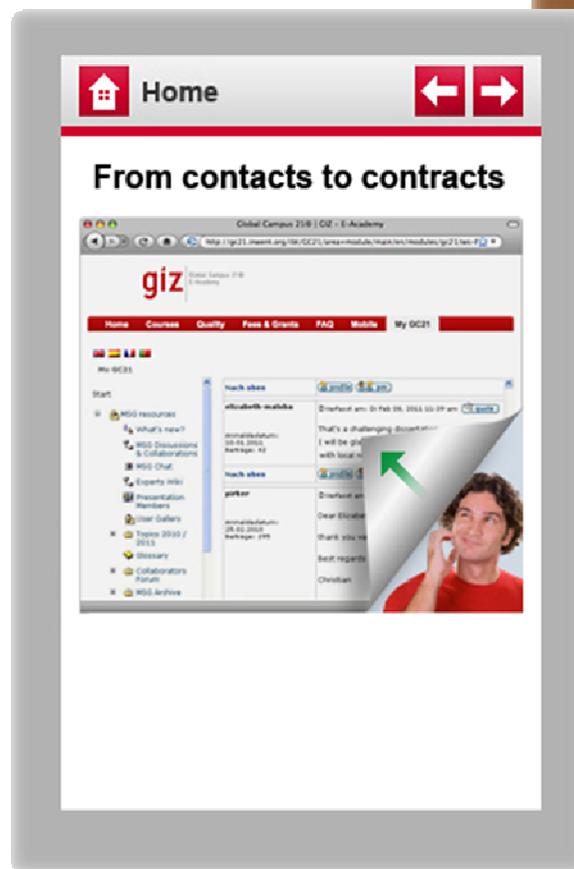
- Internal financing**
- Advantages of internal financing:**
  - Capital is directly available
  - It is easier to obtain because there are no control procedures regarding creditworthiness
  - There is no involvement of...
- Disadvantages of internal financing:**
  - Limited volume
  - Deprecio or loss of capital is not tax-deductible
  - The capital doesn't increase if its amount...
  - Volume of external financing is limited

The video player shows a hand holding Euro banknotes. The player interface includes navigation controls and "Page 3 of 15".

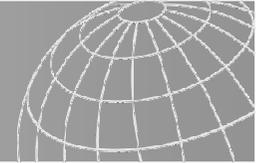
At the bottom of the page, there are links for "\* Send-In Exercises" and "\* Survey". The status bar at the very bottom indicates "Fertig".



## New formats



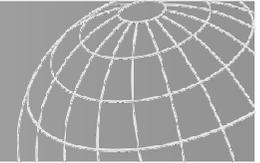
[www.gc21-eacademy.mobi](http://www.gc21-eacademy.mobi)



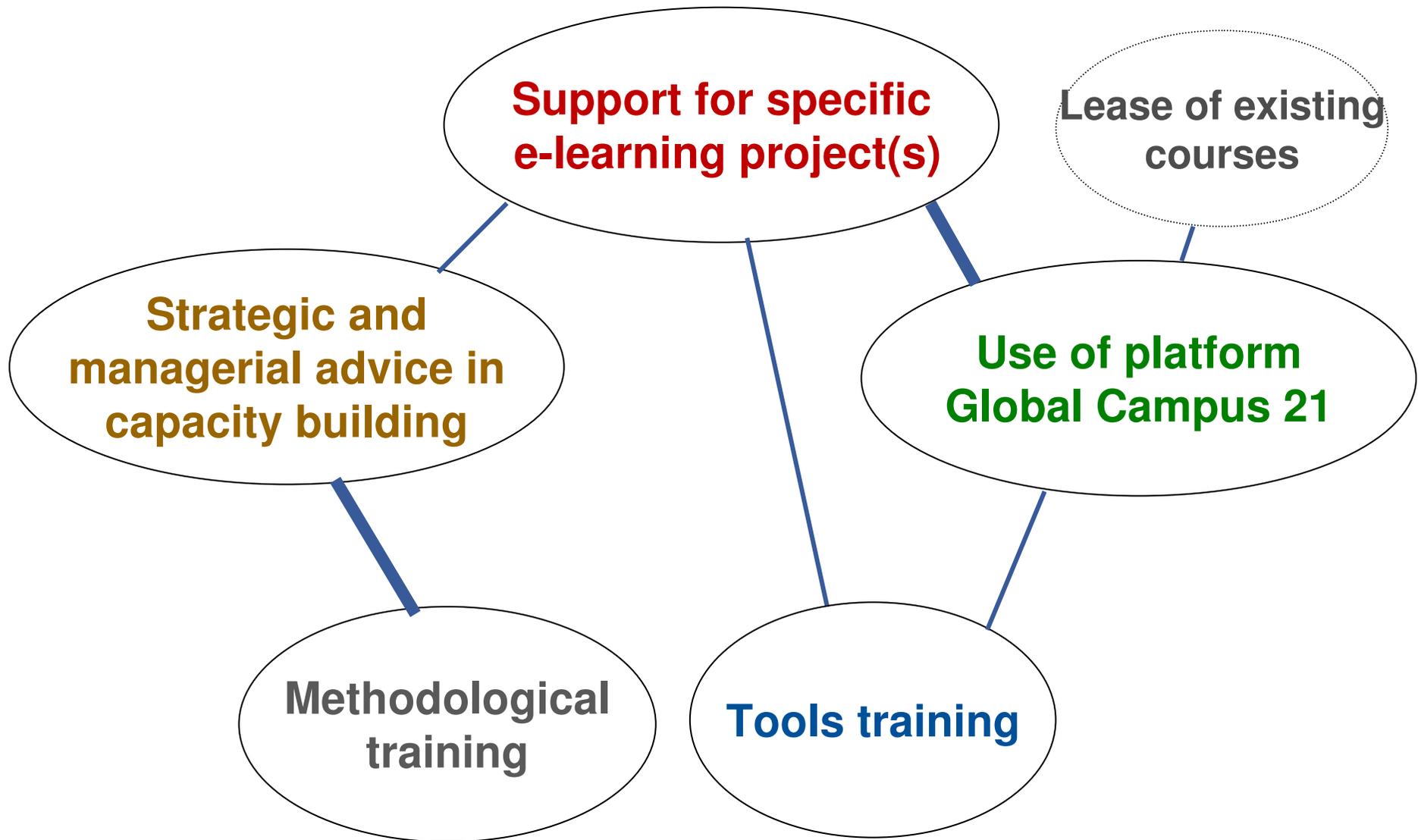
## GIZ Programme “Capacity Building for E-Learning”

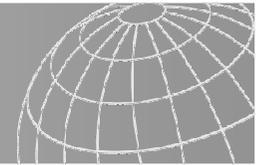


- Regular long and short courses on e-learning methodology, passed by > 1000 participants
- Targeted support for team and institution building
- Promotion of a worldwide network of competence groups
- Partners are licenced to re-deliver the courses in their respective institutions / countries
- Focus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



**What we can offer our customers:**





**Contact:**

**GC21 E-Academy:** [volker.lichtenthaeler@giz.de](mailto:volker.lichtenthaeler@giz.de)