SNBI
Schweizerisches Netzwerk für Bildungsinnovation
Swiss Educational Innovation Network

Decision Matrix

A tool to support the analysis and systematic discussion of your context related to ICT-supported training

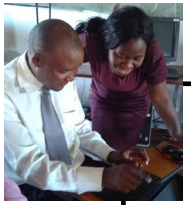
Prof. em. Dr. Urs Gröhbiel and Dr. Christoph Pimmer 2020 / www.snbi.ch

Goal of this presentation

You are able to…

- Identify your key stakeholders, their needs, interests and goals
- Identify key influencing factors for the design of e-learning solutions in your context.
- Analyse your situation in your team in a systematic way, analysing the factors which are relevant in your situation.

ICT4VET decision framework



goals

organisational factors

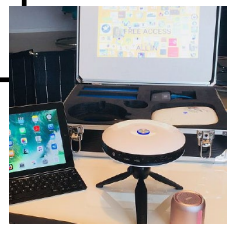
Possible

ICT-supported Learning/teaching activities

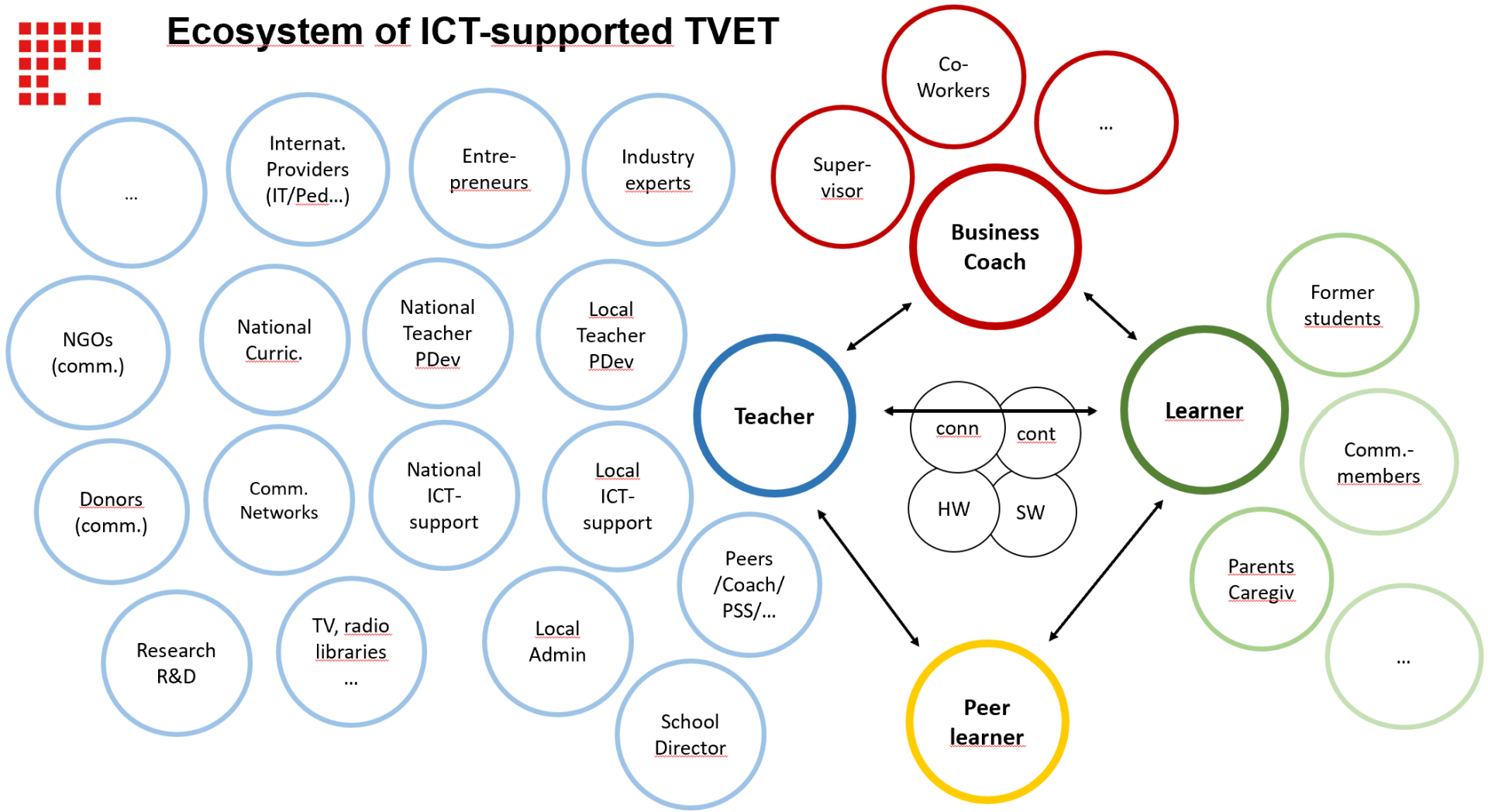
Feasible Design

technological factors

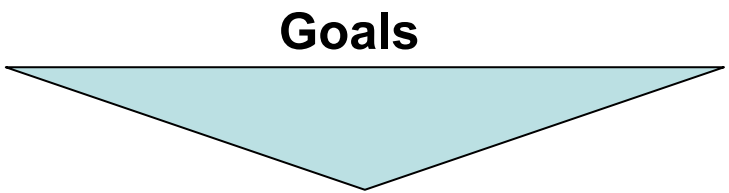
human resource factors



Ecosystem of ICT-supported TVET



Goals



1. **Needs and strategies of stakeholders** (ministries, colleges, companies, NGOs etc.)
2. **Needs and added value for learners, trainers and institutions**

Organisational Factors

1. **Top-down support**
2. **Resources** (budget, manpower, infrastructure etc.)
3. **Training organization** (offer, roles, processes)
4. **Geographical distribution of involved actors**
5. **Time conditions for teacher training & support**
6. **Experience with innovation**
7. **Organizational culture**

…

1. **General skills, experience and attitudes**

Media competence, media access, use & experience.
Socio-emotional skills, motivation, interests and personal objectives.

1. **Stakeholder-specific skills, experience and attitudes**
   a) Students: Prior knowledge and skills, learning skills,
   b) Trainers: Teaching-, communication-, collaboration- & innovation-competence, e-content production skills.
   c) Directors: Leadership-, innovation- and change management skills
   d) Support staff: Skills and experience with effective learning/teaching and educational technology and e-content production skills.

Technological Factors

1. Hardware (user devices, servers)
2. Software, software-architecture, Interfaces
3. E-content
4. Electricity/network access and restrictions
5. Applications of users and their contacts (% use of potential users)

Literature

Gröhbiel, U., Schiefner, M. (2006): Die E-Learning-Entscheidungsmatrix Handbuch E-Learning. 19. Erg.-Lfg. Dezember 2006, München. Deutscher Wirtschafsdienst, S. 1-28.

Questions or Comments? Contact us!

Urs Gröhbiel

urs.groehbiel@snbi.ch

+41 78 843 53 81 (WhatsApp)

Christoph Pimmer

christoph.pimmer@snbi.ch

www.snbi.ch