



Organisational eCompetence Development case AVNet @ K.U.Leuven

EU[eComp]Int
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Dortmund

AVNet @ K.U.Leuven

Acronym stands for Audiovisual and New
Educational Technologies (in a network)

Consists of three units:

- Audiovisual Services
Production of interactive multimedia learning material
- eLINK
eLearning in an International Network of Knowledge
- Study centre Open University
Distance learning

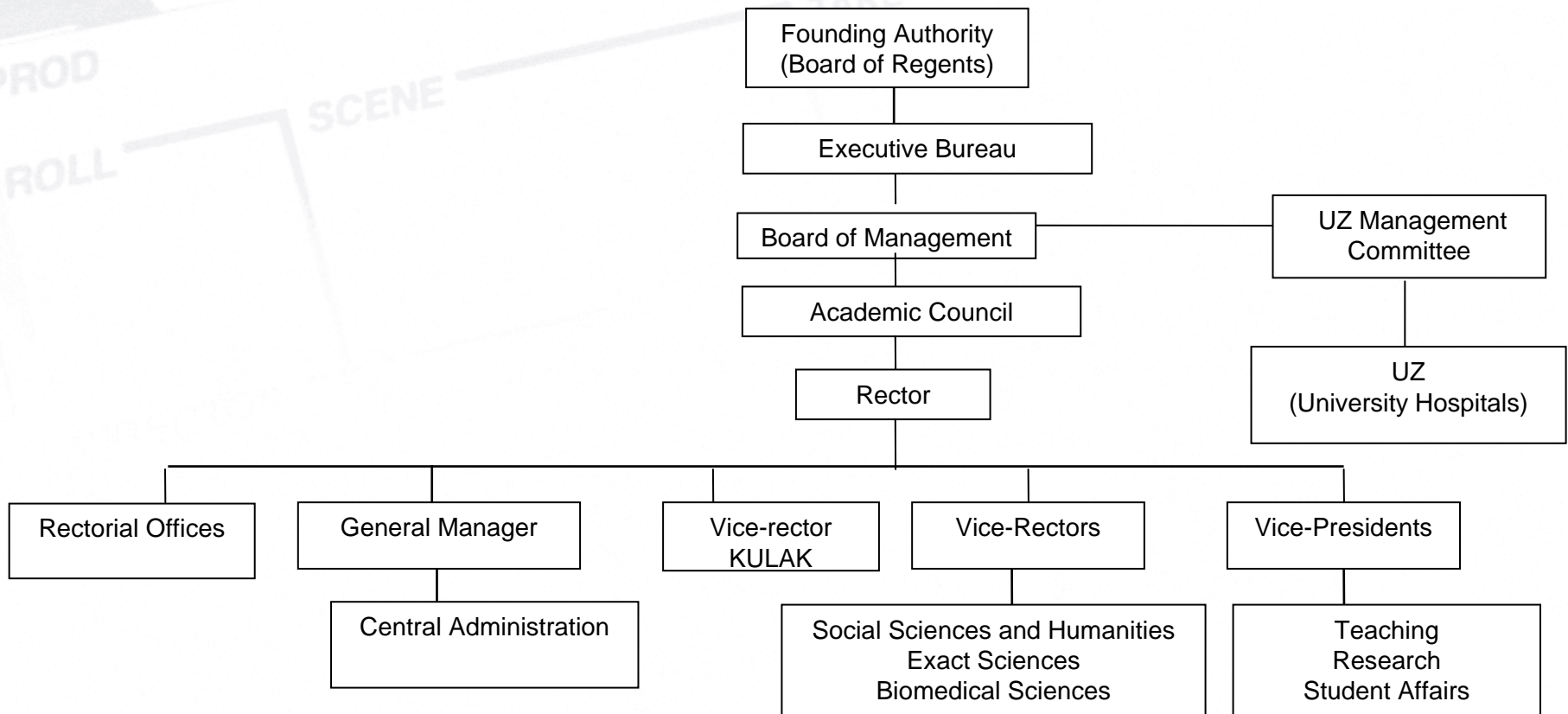
AVNet: History

- LINOV
Leuvens Institute for Innovative Learning
- ICT/International networks
- eLINK
eLearning in an International Network of Knowledge
- AVServices/eLINK
+ Study centre Open University
= AVNet

Our position at K.U.Leuven

- Coordinator Educational Affairs:
 - Academic responsibility
- ICTS:
 - Responsibility for budgets
 - Overall technological responsibility
- Other:
 - Education support centres
 - International Office
 - Technical Services
 - Etc...

AVNet in organigram K.U.Leuven



Goals of university teaching

Critical scientific attitude: students should

- assimilate discipline specific research findings and frameworks
- acquire insight in the coming about of these findings
- be able to acquire information independently
- be able to contribute themselves to the development of knowledge
- be able to use the knowledge acquired in solving new problems and in developing independent and articulated viewpoints

Graduates should be able to take responsibility in society:

- able to develop an articulated viewpoint in societal matters

Students' responsibility: the learning process

Starting point:

- learning is an active, constructive, cumulative, goal-oriented, self-regulated, contextualised, social process

Students should

- acquire an in-depth understanding of the instructional goals
- select and engage in appropriate learning activities
- call for additional help if the learning environment provides insufficient support

Teachers' responsibility: support of students' learning process

- to define adequate goals in agreement with programme responsables
- to consistently construct an assessment approach for these goals
- to elaborate an environment that in line with GIL-principles, encourages self-regulation by providing sufficient and goal-directed support

The need for an overall educational concept

Need for a shared view on the meaning of excellence in higher education:

- External dynamics: quality assurance
- Internal dynamics:
 - faculty development and training
 - appointments of teachers and teaching staff

The need for Guided Independent Learning (GIL) as an overall concept

Evaluation of alternatives:

- Selfinstruction, PBL, Competence oriented education ...

A deliberate choice for:

- explicitation of aims and objectives
- importance of communication in a research praxis
- decision making on a faculty level
- room for characterization of programmes
- confirmation of the autonomy and the critical role of the university

→ GIL as an answer to the need for external and internal justification

GIL: Characteristics

Guided Independent Learning is a comprehensive concept:

- Defines goals for university teaching, roles and responsibilities of students and faculty members
- It is referred to in all decisions with educational consequences

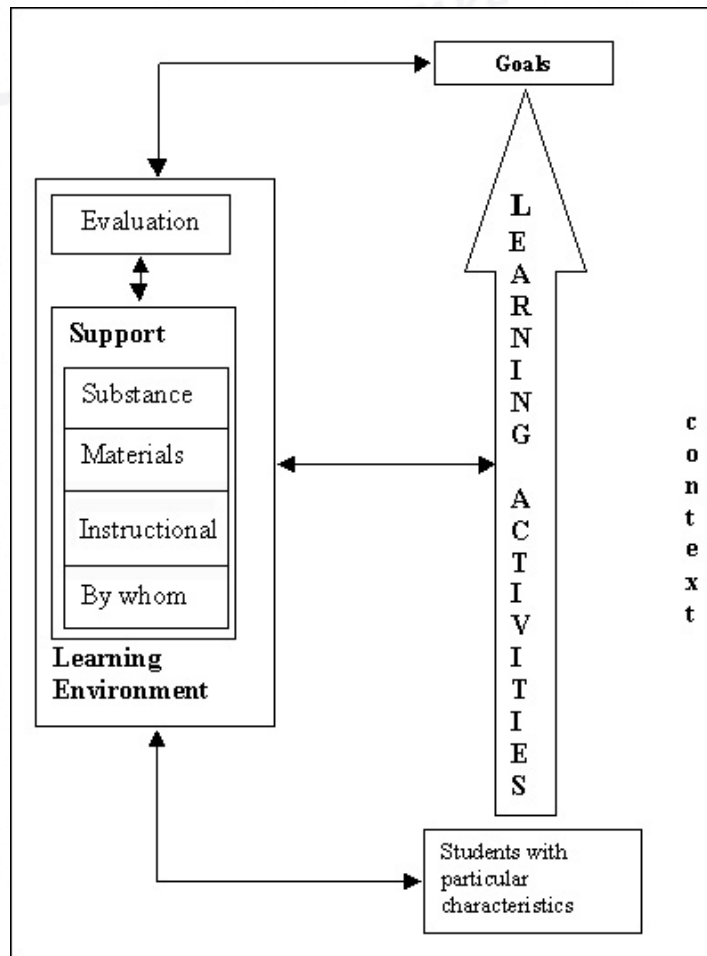
GIL: Characteristics (cont.)

GIL does not reject particular instructional approaches - still there are guidelines:

- Education has to be functional
- Participation in research activities is highly valuable

GIL entails an affirmation of the semi-autonomous position of the university

GIL: global scheme



AVNet: Our mission

an integrated, multidisciplinary support (mainly)
for education at K.U.Leuven and in its
Association

with regard to media, organisational,
pedagogical, and technological aspects,
and particular focus on networked e-learning and
distance education in an international context

Academic Expertise centre



Education support

For whom?

- For **personnel** at K.U.Leuven

Teachers, education teams, central services,
AVNet team members

- For **students** at K.U.Leuven

Regular students, doctoral students, trainees,
working students

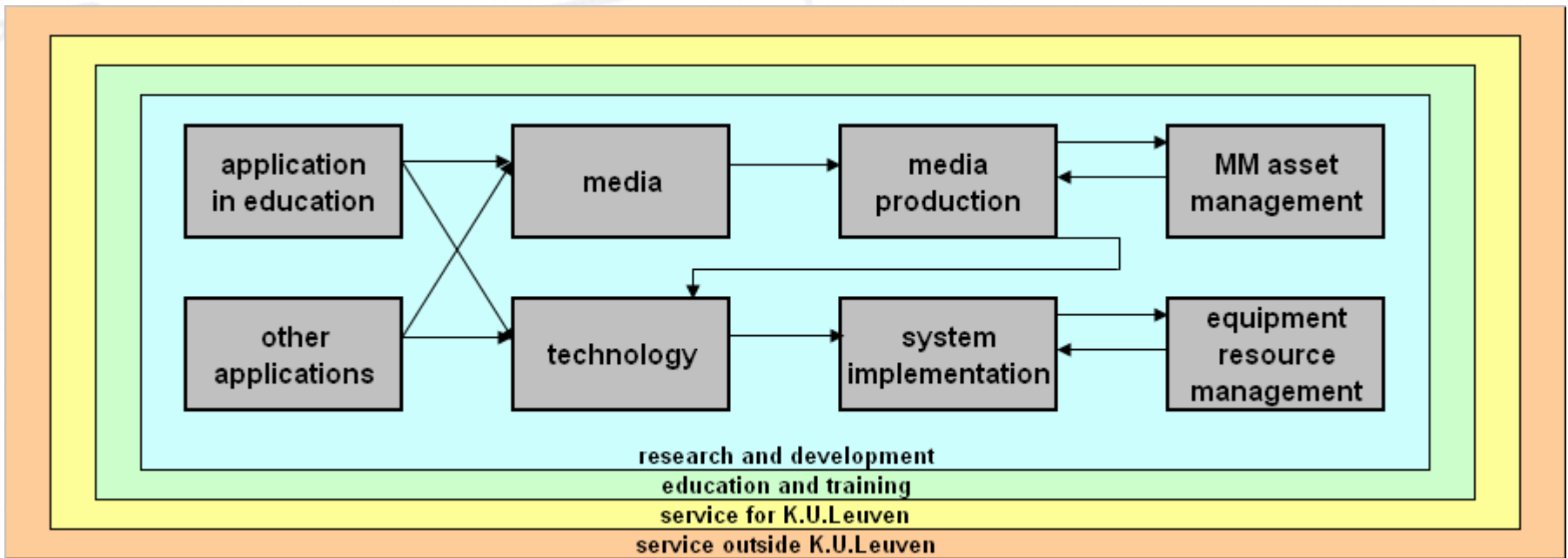
- For the **Association K.U.Leuven**

Students, teaching staff, managers

Our three-tier support model

1. We stimulate teachers (students) to produce AV/MM or other e-learning projects on their own: focus on simple and cheap solutions.
2. We offer teachers (students) advice and facilities (for free) at AVNet to work on their own with professional tools and our infrastructure.
3. We make it for you (not completely for free).

AVNet: workflow



AVNet: Our infrastructure

- video studio
- 6 video editing suites
- multi camera production facilities
- videoconferencing (ISDN en IP) and interaction room
- streaming media server
- documentation and information centre
- AV rental service

AVNet: Our resources

- +35 team members (with contract)
 - + pool of working students, trainees, freelancers
- central financing (operations + infrastructure)
- partial financing by commissioners
 - 100% out-of-pocket cost +
 - 25% of personnel cost and infrastructure
- project finances
 - Flemish government
 - European Commission

AVNet: Our expertise (eComptence)

Through:

- Interactive MM production work
- Experiments and pilots with MM and NET
- Research, development and implementation projects
- Collaboration with other centers and departments
- Networking and representation
- Education and training
- Internships for students
- Knowledge sharing

AVNet: Our training: for whom?

Aimed at different target groups:

- New faculty members
- Teaching assistants
- Members of educational innovation teams
- Faculty members at large
- Students
- Partners (Association K.U.Leuven, development cooperation,...)

AVNet: Our training offer

- Courses:
 - AV/MM in Toledo (for K.U.Leuven)
 - Informatics and media (for dentists)
 - Video production (for communication sciences)
 - Multimedia Production Management (for UNZI)
 - Webworkability (for K.H.Leuven international exchange students)
- Training:
 - AV/MM in Toledo (for K.U.Leuven)
 - Use of editing suites (for K.U.Leuven)
 - Use of AV/MM equipment in lecture halls (for K.U.Leuven)
 - Development of audiovisual learning materials (for Vllir)
 - Videoconferencing (for the Association)
 - Mediatraining (for K.U.Leuven)
- Seminars
- Study counseling Open University
- Internships
 - For Flemish and international students with different backgrounds

Impact of training on development of ecompetence

- Part of overall *professional e-competence development* for university teaching staff (assessment, creditation?) and students
- Systematic reflection by teachers (and teaching staff) on their own *educational practice*
- *Peer-learning* leads to *communities of practice*
- Systematic reflection by AVNet on our own *support services* and own *expertise*

AVNet training: the future

- More modular approach (from basics to advanced topics)
- Better mix of hands-on and theoretical sessions
- More collaboration with other training providers (within & outside K.U.Leuven)
- Intensive training program (internships incl. integrated project work)
- Towards 'train-the-trainer' sessions

Contact

More information?

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