

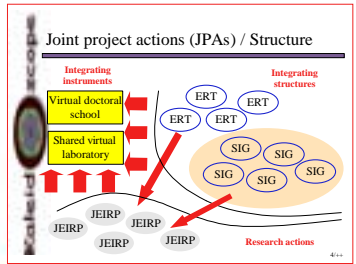
## Kaleidoscope

### “Concepts and methods for the future of TEL”

- ⇓ Bridges between educational, social and cognitive sciences and technologies have a pragmatic existence (they work “together”) but a weak foundation what results in:
  - ⇓ fragility of interdisciplinary research on TEL
  - ⇓ difficulty to learn from the projects
  - ⇓ lack of clear grounds for the evaluation of TEL
  - ⇓ contingent transfer to R&D
- ⇓ “Learning”, “Knowledge”, “Teaching” have different meaning across the different TEL culture and different national organization
- ⇓ Need for a shared understanding of the differences and commonalities at a conceptual and methodological level, across disciplines, across cultures and research practices

## Kaleidoscope

### Activities to leverage research integration



#### Integration

- SIG** : Special Interest Groups
  - ERT** : European Research Teams
- #### Backbone
- VDS** : Virtual Doctoral School
  - SVL** : Shared Virtual Lab
  - ATA** : Advanced Training Activity

#### JEIRP : Jointly Executed Integrating *Research Projects*

- ⇓ Enhanced Learning ...
  - ⇓ CSCL / Inquiry learning / Learning at work/ ...
- ⇓ Advanced technologies
  - ⇓ Semantic web / Mobile support / LO trails / ...
- ⇓ Participatory design
- ⇓ Assessment and evaluation
- ⇓ Epistemology of TEL

Academy-industry digital alliance

Users' Group

## Kaleidoscope

### Implementing tools to the service of TEL research

The *Virtual Doctoral School*: an instrument for integration

- ⇓ To have researchers and PhD students interact and exchange so that they can develop a *coherent understanding* of concepts and methods
- ⇓ To help the community to face its diversity and to break the related deadlocks
- ⇓ To develop communication across discipline, by the co-construction of a shared language

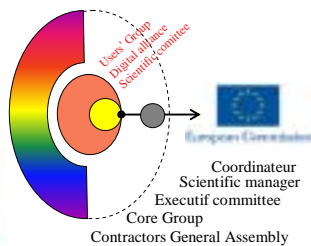
*To provide instruments against reinventing the wheel*

The *Shared Virtual Laboratory*: a research accelerator

- ⇓ Effective research programme of transferability and of reusability emerging from concept and model building
- ⇓ Capitalisation of projects' technological outcomes (e.g. prototypes)
- ⇓ Structured description and shared documentation of the outcomes
- ⇓ Availability of research tools: a service to the community

## Kaleidoscope

### For a strong TEL research sector in ERA



“...turning *Kaleidoscope* NoE into a dynamic *European-wide virtual research organization* with its own structures and management bodies”

76 contractors — 23 countries — 850 researchers and PhD students (1/3)  
Universities, industry and SMEs, users' groups