

What are trails?

- Trails (or tracks, or traces) that learners leave behind while navigating through learning environments, e.g.
 - a school-child navigating through course materials,
 - a learner navigating through the literature on a subject, or
 - a visitor navigating through a museum.

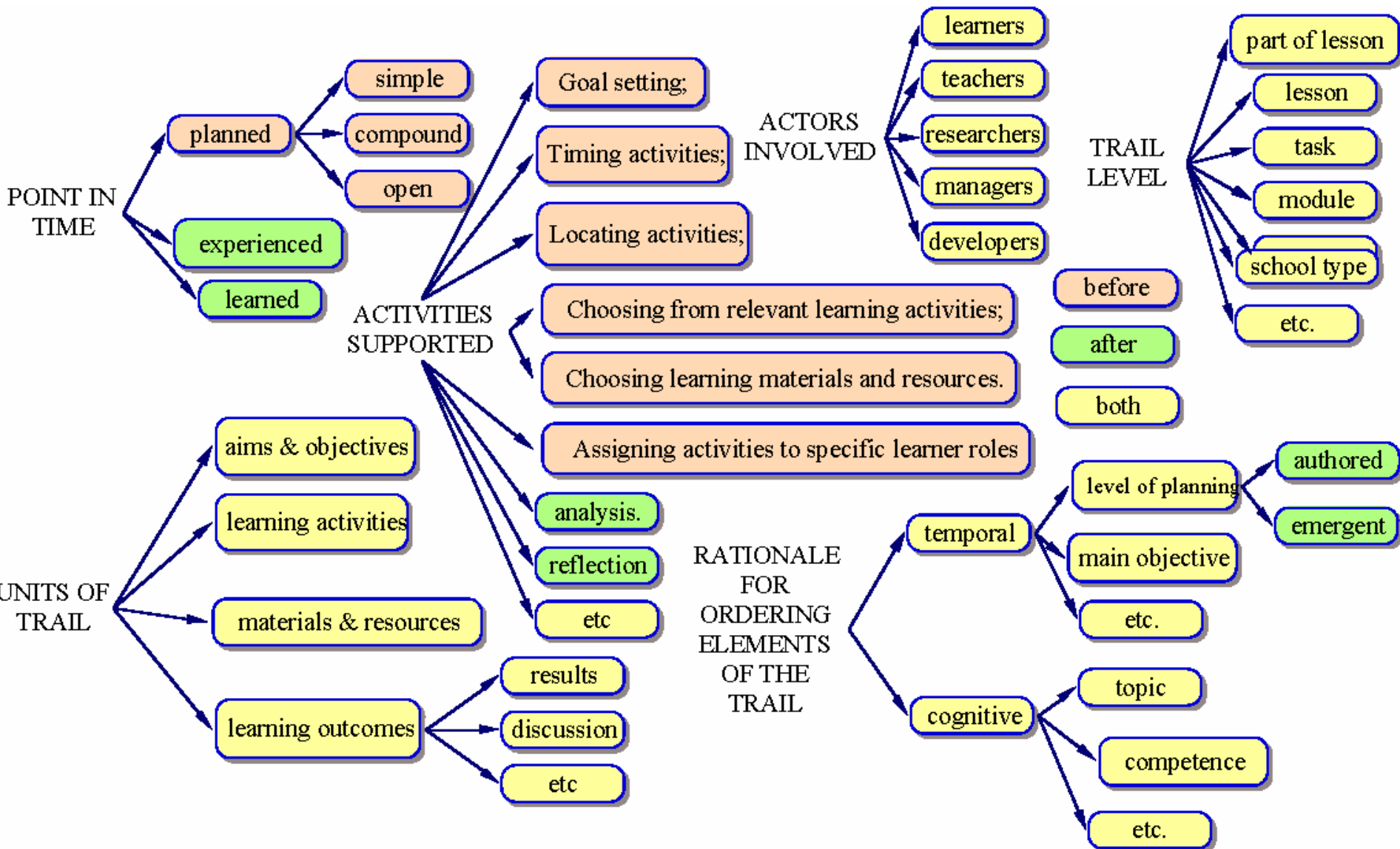
The TRAILS project

- Kaleidoscope Jointly Executed Research Project (JEIRP)
- January - December 2004
- Partners:
 - London Knowledge Lab - Birkbeck College
 - SCO-Kohnstamm Institute, University of Amsterdam
 - School of Computer Science, Queen's University Belfast
 - Cognitive Science Section, University of Graz
 - Institute of Educational Technology, The Open University, UK
 - e-Learning Unit of STREAM Technology Center, SchlumbergerSema Madrid
 - TeaM Lab, Informatics Methodology Group, Eotvos Lorand University, Budapest
 - Equipe ARCADE, Laboratoire CLIPS - IMAG, Grenoble

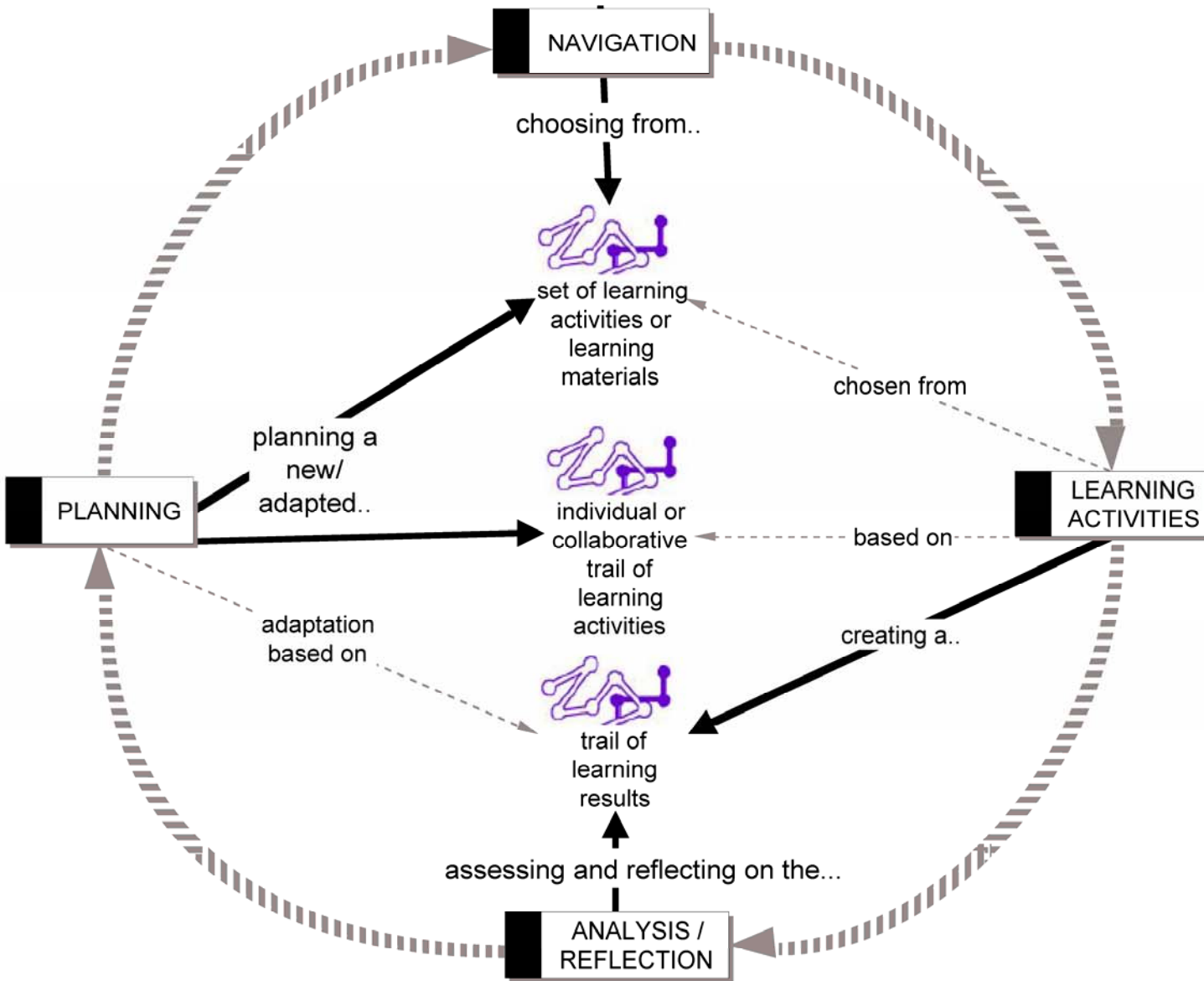
AIMS

- To apply new technologies to the challenge of trail-support in e-Learning
- To investigate how different types of learning objects can be represented within an e-Learning system supporting trails
- To study an ontology for trails of learning objects with an e-Learning system, which is compatible with Semantic Web technologies
- To investigate personalisation and collaboration within an e-Learning system supporting trails
- To integrate presently scattered activity in Europe which is relevant to this challenge

Classification of trails



TRAILS' CYCLE OF LEARNING



Trails - prospects

- Advise systems in 'open' forms of education, in which learners make choices from large amounts of materials
- Further development of techniques for matching resources to learners:
 - Automatic and manual classification of learning resources, based on topic and level; improvement of LSA techniques
 - Learner's profile on level both filled in and automatically calculated
- Social recommendation
- Integration of Web 2.0 components based on trails into educational learning environments:
 - People performing this learning activity also.....
 - After finishing this module, most learners went on to...