

Research in Information Systems



**Presentation to the Research Focus
“Organizational Studies”
March 2008**

Information Systems
School of Management
University of Innsbruck

Information Systems - Overview

- Prof. Dr. Ronald Maier
head
- Alexandra Seeber
Claudia Singer
administration
- A.o. Univ.-Prof. Dr. Kerstin Fink
Mag. Dominik Grimm
Dipl. Wirt.-Inf. Andreas Kaschig
Michael Kohlegger
Mag. Tanja Kohn
Mag. Christian Ploder
Dipl. Wirt.-Inf. Alexander Sandow
Dipl. Wirt.-Inf. Stefan Thalmann
research and teaching
- Ing. Peter Seethaler
technical administration

- since 2007 University Professor for Information Systems, University of Innsbruck, Austria
- 2002-2007 University Professor for MIS University of Halle-Wittenberg, Germany
- 1998-1999 Visiting Assistant Professor at the Terry College of Business, University of Georgia in Athens, GA, USA
- 2001 Habilitation degree, University of Regensburg, Germany
- 1996 Ph.D. in Management Information Systems, The Koblenz School of Corporate Management, Koblenz, Germany
- 1992 Diploma in Management Information Systems, University of Linz, Austria
- 1988-1992 Part-time software engineer and project manager for Siemens-Nixdorf and BOP Aigner, Linz, Austria



- since 08/2008 research assistant, Ph.D. student at University of Innsbruck, Austria
- supports EU FP7 IP MATURE research project by conducting and analyzing the ethnographic study
- 07/2008 Diploma in Management Information Systems from University of Halle-Wittenberg, Germany
- specialization in data base, information and knowledge management, e-learning, e-business and controlling
- internship BMW Leipzig, Germany & BMW North America LLC, Woodcliff Lake, USA



- since 07/2008 research assistant, Ph.D. student at University of Innsbruck, Austria
- supports EU FP7 IP MATURE research project by analyzing the ethnographic study
- 2007-2008 consultant for business intelligence
- 11/2006 Diploma in Management Information Systems from University of Halle-Wittenberg, Germany
- specialization in information and knowledge management, e-business and production and logistics management
- internship Gisa GmbH and University of Halle-Wittenberg



- Information Management / Information Systems Leadership
 - Business Intelligence
 - Business Process Management
 - Flexible and Adaptive Systems
- Knowledge Management (KM)
 - Process-oriented KM
 - Modeling of Knowledge Work, Design of KM Systems
 - Measurement / Evaluation
 - KM for SMEs
 - Knowledge Maturing
 - Technology-Enhanced Learning

- Adaptive Systems (Stefan Thalmann)
- Knowledge Management in SMEs (Kerstin Fink, Christian Ploder)
- Knowledge Measurement (Kerstin Fink)
- Knowledge-Intensive Business Processes (Christian Ploder)
- KT2DC – Knowledge Transfer to Developing Countries (Tanja Kohn)
- Business Process Management in E-Government (Dominik Grimm)
- Flexible Office (Ronald Maier, Florian Bayer, Stefan Thalmann)
- KnowRISK - Management of Knowledge Risks (Ronald Maier, Florian Bayer, DFG)
- Infotop (Ronald Maier, Johannes Sametinger)
- Collaborative Tagging (Ronald Maier, Stefan Thalmann)
- COSEMA – Collaborative Security Management (Ronald Maier, Ruth Breu, Tiroler Zukunftsstiftung)
- MATURE - Continuous Social Learning in Knowledge Networks (Ronald Maier, Andreas Kaschig, Michael Kohlegger, Alexander Sandow, Stefan Thalmann, EU FP7 IP)

- Agility of enterprises as a key success factor requires
 - Leveraging the employees' creativity and hands-on experience
 - Improving the sharing of knowledge within and across company borders
 - Support with a new form of organizational guidance
 - individual employees continuously learn about new methods and technologies
 - the organization continuously learns and innovates by recognizing, taking up and making effective use of its employees' creativity
- traditional approaches to meeting these inter-dependent learning needs are woefully inadequate, especially when it comes to knowledge work and knowledge workers.

MATURE: Main Objectives

OBJECTIVE 1

analysis of real-world maturing practices, and a general conceptual model of the knowledge maturing process and specializations for the different types of knowledge assets

OBJECTIVE 2:

Personal Learning & Maturing Environment (PLME)

OBJECTIVE 3:

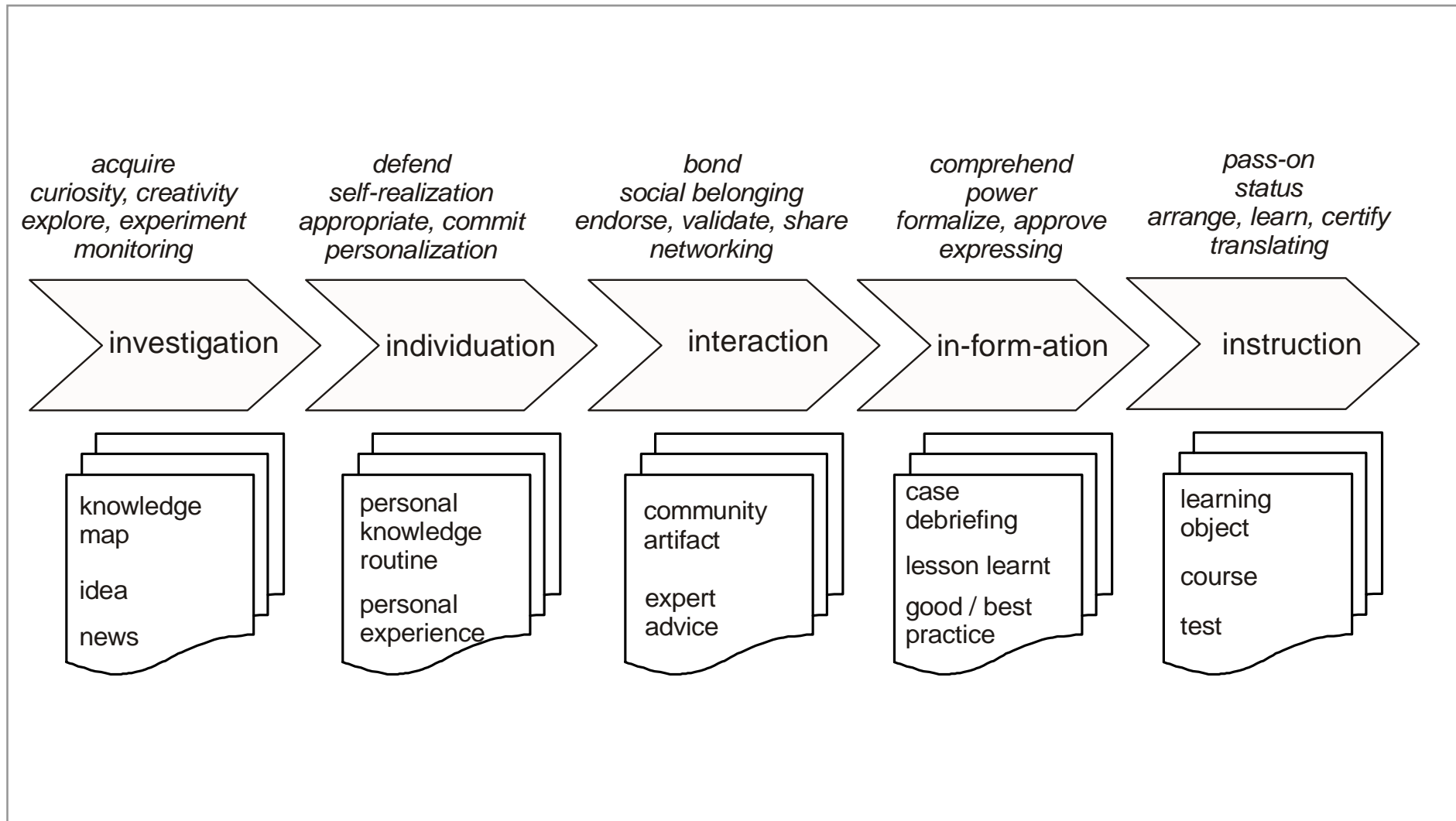
Organizational Learning & Maturing Environment (OLME)

OBJECTIVE 4:

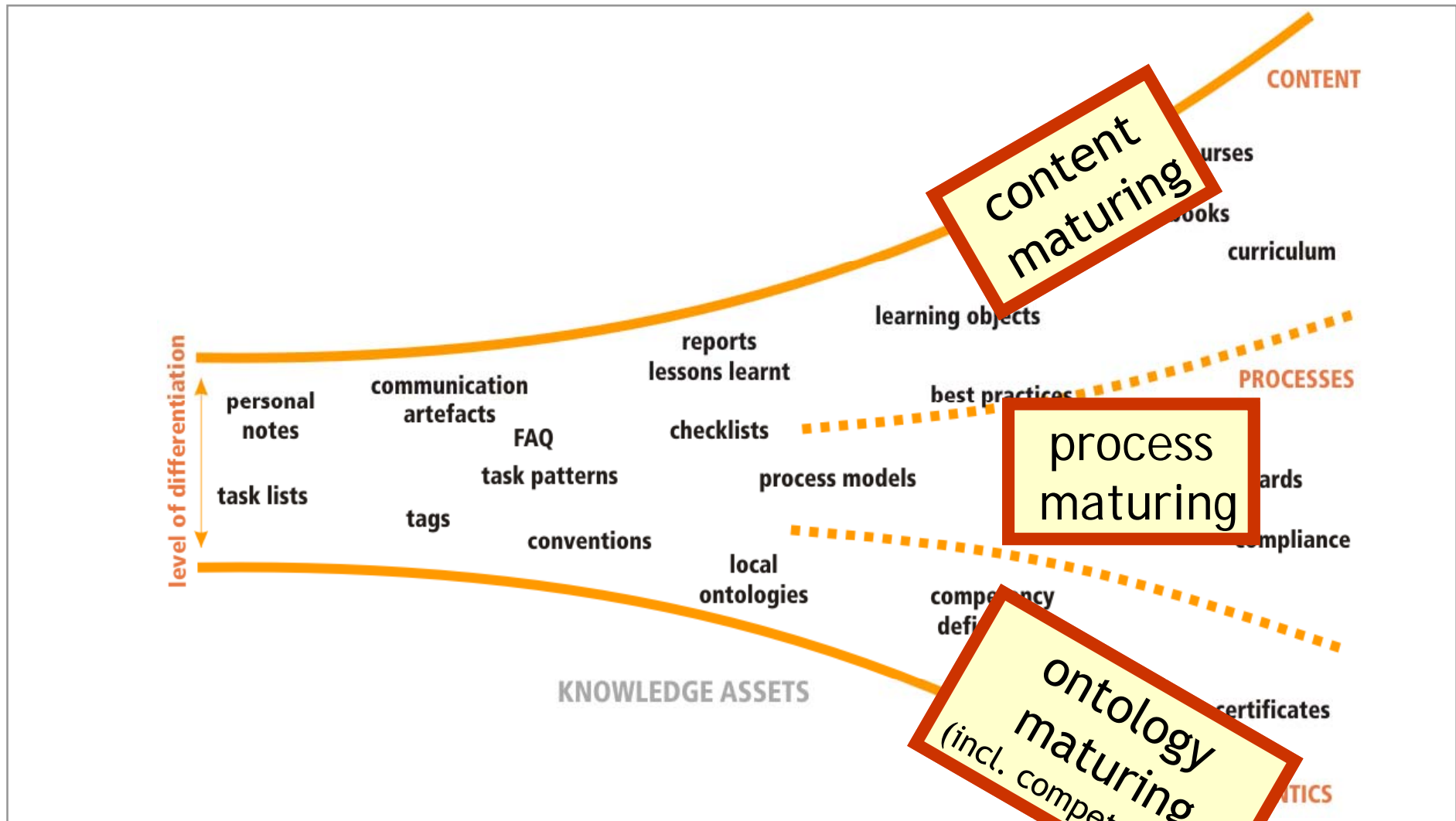
reusable Maturing Services for seeding and reseedling

- *CIMNE - International Centre for Numerical Methods in Engineering, Barcelona, Spain*
- *FZI – Research Center for Information Technologies at the University of Karlsruhe, Germany*
- *TUG – Graz University of Technology, Austria*
- *SAP AG – Germany*
- *FHNW – University of Applied Sciences Northwestern Switzerland*
- *LTRI – London Metropolitan University, Learning Technology Research Institute, UK*
- *UPB – University of Paderborn, Germany*
- *UIBK – University of Innsbruck, Austria*
- *BOC – Information Technology Consulting, Austria*
- *PONT – Pontydysgu (“The Bridge to Learning”)*
- *UWAR – University of Warwick, UK*
- *STRUC – Structuralia*

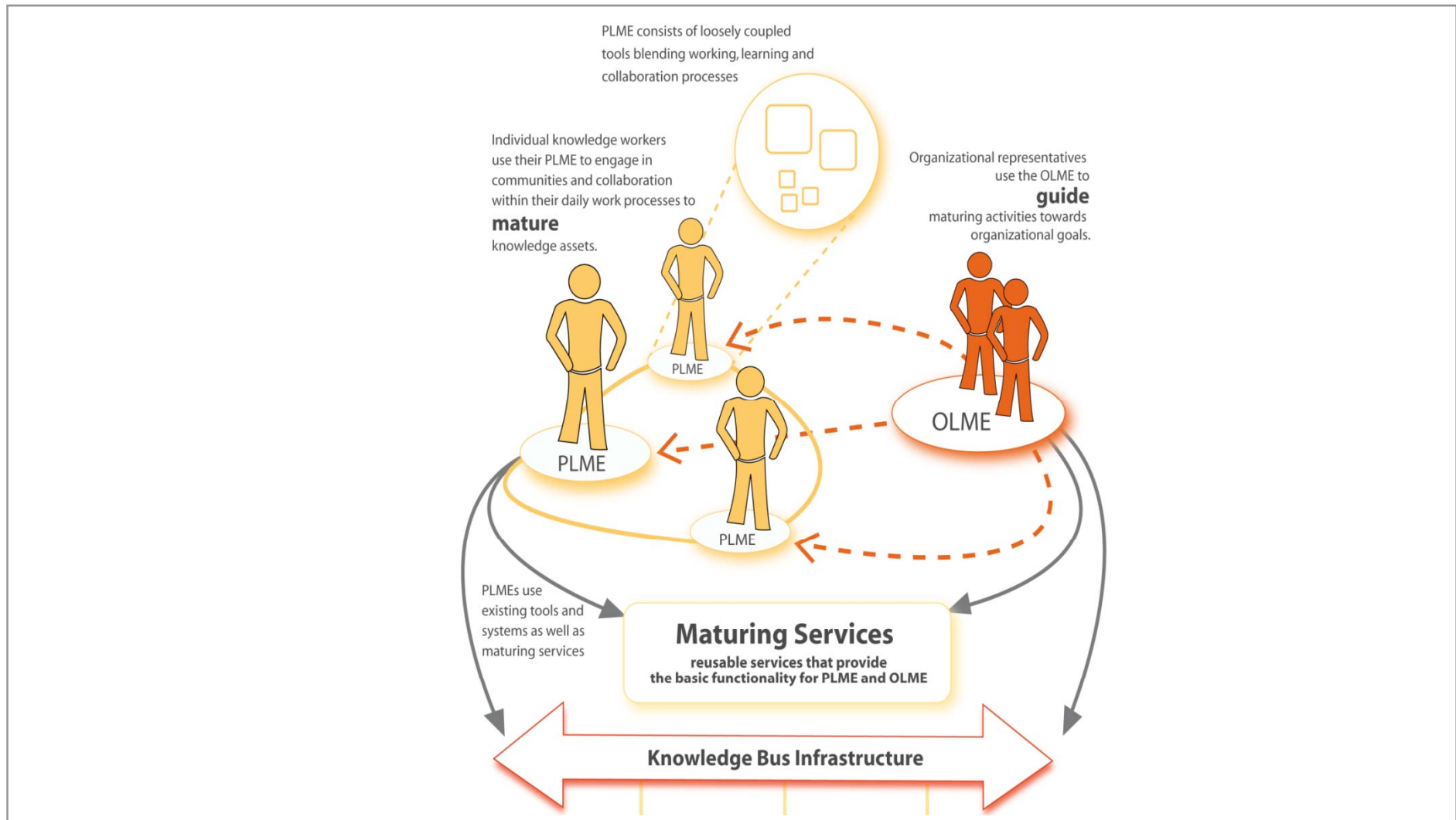
Knowledge Maturing Process



MATURE: Knowledge Maturing Process Model

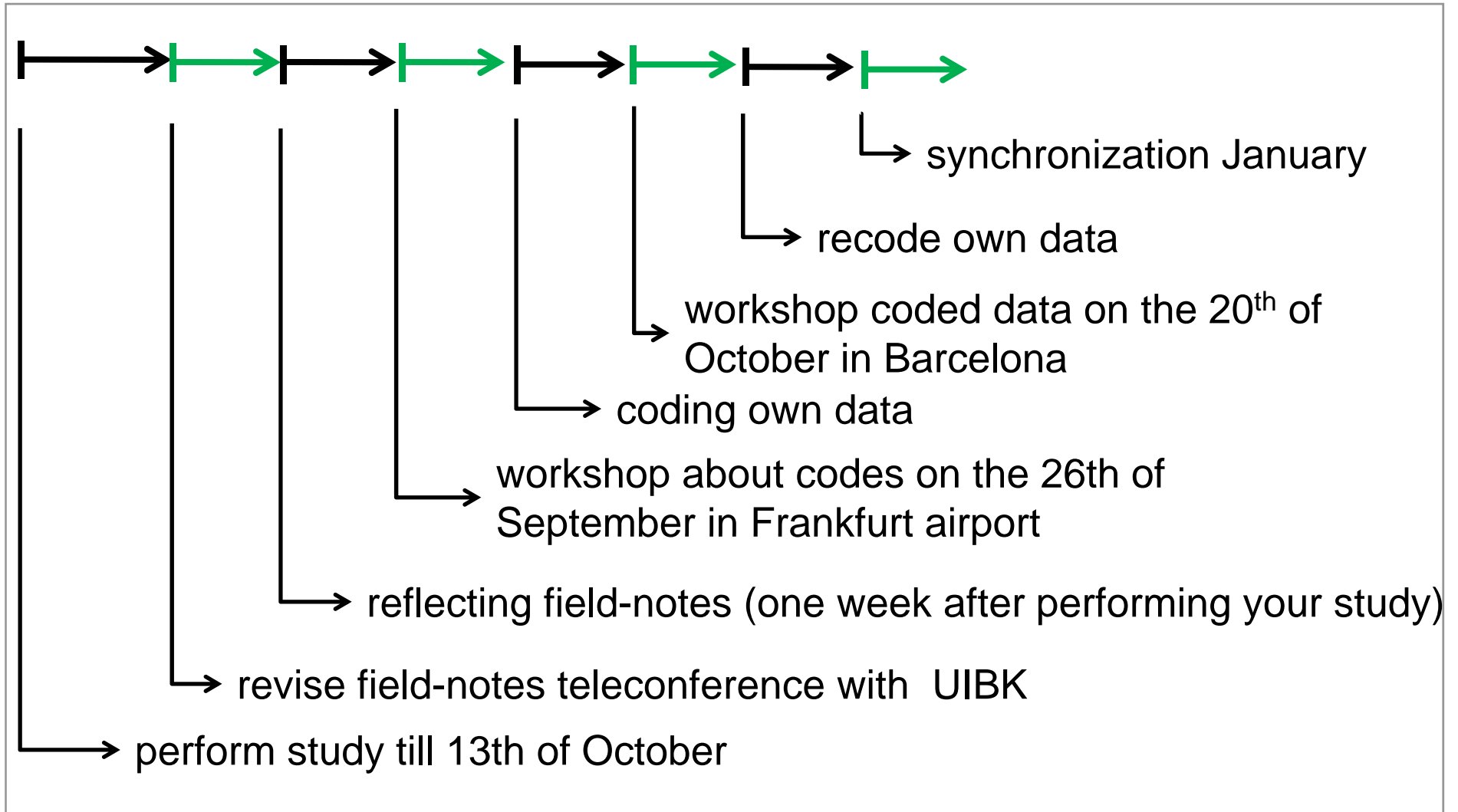


The MATURE Vision





MATURE: agreed time line



Thank you.