Overview of CALIBRE Project

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Project Overview

- ## CALIBRE
  - **C**o-ordination **A**ction for **Libre** Software Engineering for Open Development Platforms in Software & Services

- ## 12 Partners - academic & industrial research teams from
  - France, Ireland, Italy, Netherlands, Poland, Spain, Sweden, UK & China.

- ## Project runs 24 months
  - From 1st June 2004 to 31st May 2006.

- ## www.calibre.ie

CALIBRE Partners

No.	Participant	Short name	Country
1	**University of Limerick**	**UL**	**Ireland**
2	**Business Innovation Centre AltoAdige-Sudtirol**	**BICST**	**Italy**
3	**University of Maastricht/ MERIT**	**UM**	**Netherlands**
4	**University of Lincoln**	**LIN**	**UK**
5	**Universidad Rey Juan Carlos**	**URJC**	**Spain**
6	**University College Cork**	**UCC**	**Ireland**
7	**University Pierre-et-Marie-Curie (Paris 6)**	**UPMC**	**France**
8	**Groupe des Ecoles de Telecommunications**	**GET**	**France**
9	**National Microelectronics Applications Centre**	**MAC**	**Ireland**
10	**Poznan University of Technology**	**PUT**	**Poland**
11	**Chinasoft**	**CHI**	**China**
12	**Högskolan i Skövde (University of Skövde)**	**SKO**	**Sweden**

Background to CALIBRE

- ➢ **Scientific pillars key to the future of software**
  - **Libre/Open Source Software (OSS)**
  - **Agile Methods**
  - **Distributed Development**
- ➢ **OSS addresses the "Software Crisis"**
  - Cost, Delivery & Quality.
- ➢ **OSS phenomenon is very strong in Europe**
- ➢ **Most focus on government/public sector**
  rather than 'secondary' software sector
- ➢ **Complex phenomena**
  require multi-disciplinary perspectives
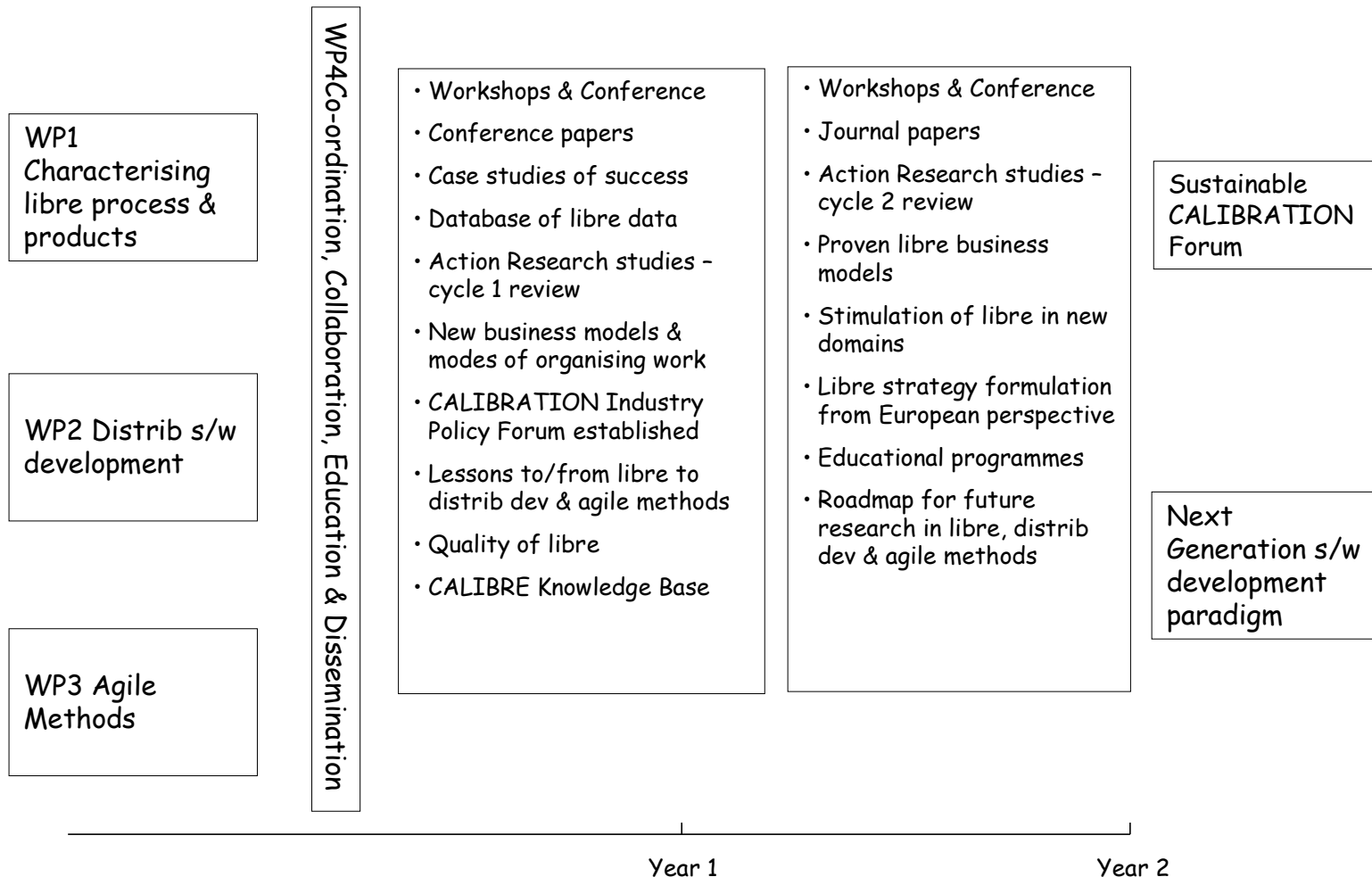- ➢ **CALIBRE consortium are multi-disciplinary leaders - critical mass**

CALIBRE Objectives

- ➢ **to integrate and coordinate libre (OSS) research and practice**
  - to ensure that the phenomenon flourishes and delivers to its true potential, especially for the European 'secondary' software sector (automotive, telco etc) where Europe has particular strengths

- ➢ **to foster the effective transfer of the many useful lessons from Libre (OSS)**
  - to facilitate the next generation of software engineering methods and tools

- ➢ **to establish a European industry Open Source Software research policy forum**
  - CALIBRATION

Graphical Roadmap of CALIBRE Project

CALIBRE
Coordination Action
for LIBRE software

WP4 Co-ordination, Collaboration, Education & Dissemination

WP1 Characterising libre process & products

WP2 Distrib s/w development

WP3 Agile Methods

- Workshops & Conference
- Conference papers
- Case studies of success
- Database of libre data
- Action Research studies – cycle 1 review
- New business models & modes of organising work
- CALIBRATION Industry Policy Forum established
- Lessons to/from libre to distrib dev & agile methods
- Quality of libre
- CALIBRE Knowledge Base

- Workshops & Conference
- Journal papers
- Action Research studies – cycle 2 review
- Proven libre business models
- Stimulation of libre in new domains
- Libre strategy formulation from European perspective
- Educational programmes
- Roadmap for future research in libre, distrib dev & agile methods

Sustainable CALIBRATION Forum

Next Generation s/w development paradigm

Year 1

Year 2

...ation Society
...chnologies

CALIBRE Workshops & Conferences

- **"Introduction to Open Source/Libre Software & CALIBRE"** Workshop, 4 Sep 04, Cork

- **"Free and Open Source Software in the Information Society",**
  Workshop at IST04 Conference, 18 Nov 04, Hague

- **"Assessing the Role off Free/Open Source software for European Industry",**
  First CALIBRE International Conference, 19 Nov 04, Hague

- **"Libre Software Business Models",** Workshop, 4 Mar 05, Paris

- **"Libre Software Training & Education",** Workshop at OSS2005, 5 Jul 05, Genoa.

- "**Software Engineering: Libre Software, Distributed Development & Agile Methods",**
  Second CALIBRE International Conference, 9 Sep 05, Limerick

- **"Quality and Security in Open Source Software"** Workshop,18 Oct 05, Krakow

- **"Potential of OSS in ATM",** Round-table workshop, Eurocontrol. 7 Dec 05, Paris.

- **"Distributed Development, Open Source & Industry – Opportunities, Suspicions & Strategies"** Workshop, 3 Mar 06, Skovde

- **"Roadmap of next generation software development paradigms",**
  Workshop, 5 May 06, Madrid

CALIBRE Anticipated Impacts

It's easier to create the future than predict it!"
                                        - Alan Kay

➢ **Moving from evangelical/anecdotal to a coherent OSS scientific research roadmap & agenda**

➢ **Putting OSS on industry agenda (esp secondary software sector) with industry-research policy forum**

➢ **Best practice business models**

➢ **More effective and coherent practice-informed research**

➢ **Integrating OSS, Agile & Distributed Development approaches into new software development paradigm**