The Emerging Domain of Cooperating Objects

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Foreword

The document you have in your hands presents the vision of the CONET consortium and its associated industrial partners regarding the future development of research in the field of Cooperating Objects. This vision is presented in the form of a technology roadmap and is the result of the compilation of several factors:

- The individual **expertise** and **practical experiences** of each of the partners involved in the project.
- The analysis of the current technologies and **current trends** that show future research directions.
- A **market analysis** of Cooperating Objects performed with the input from industrial partners and other research institutes.
- **Innovative applications** obtained partially from a wider audience and from within the consortium.
- **Identification of gaps** and research agendas in the different areas that compose the field of Cooperating Objects.

Given the balanced research and industrial background of the contributors and the fact that the field of Cooperating Objects is advancing rapidly, this document should be seen as input for research and development departments in industry and academia that would like to benefit from information about the possible direction and the timeframe for Cooperating Objects research.

The CONET Research roadmap has been written with three different audiences in mind:

- Researchers: That work or intend to work in the field of Cooperating Objectsand would like to understand the current state of the art, current trends and possible gaps for future research.
- Industry: That would like to understand the current state of the art and possible market developments to be used as an additional source of information for the definition of specific strategies and business opportunities related to Cooperating Objects.
- R&D Managers and policy directors: To achieve a better understanding of the field of Cooperating Objects and its potential as a topic that can be included in upcoming calls or other financing instruments.

Depending on the interest of the reader and its adhesion to one or more categories described above, the reader should select the chapters and sections that most fit his/her interests.