

Introduction

- Objectives of the delphi query:
 - Selecting the best technologies, application scenarios and product visions for the future of robotics.
- Agenda:
 - Introduce briefly the SRA classification structure.
 - Present the ECHORD experiments classified according to SRA
 - 1st delphi query

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Introduction

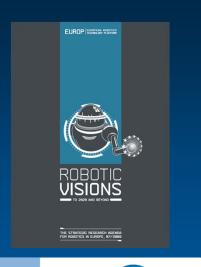
- How do we reach this classification:
 - Started with several frameworks: Strategic Research Agenda SRA, IFR, Robotics Handbook, WTEC our own (ECHORD's).
 - Classified the ECHORD expperiments according to these classifications.
 - Choose SRA:
 - Live effort.
 - Representative.
 - Extended the SRA classification according to the missing parts (identified in the ECHORD workshop in Vasteras 2011)

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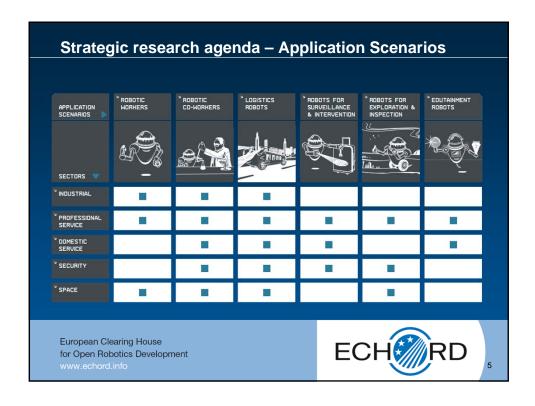
Strategic research agenda

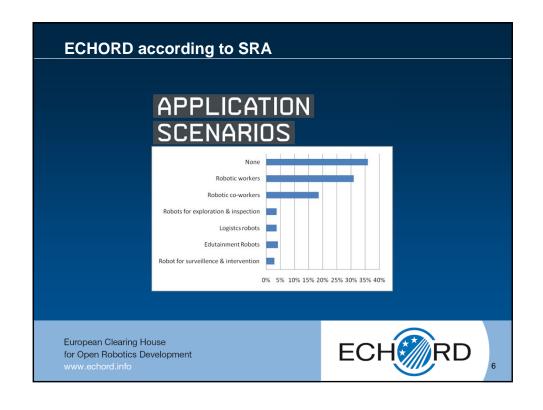
- Introduction
- Product vision and application scenarios
- Application requirements
- Technologies
- Conclusions



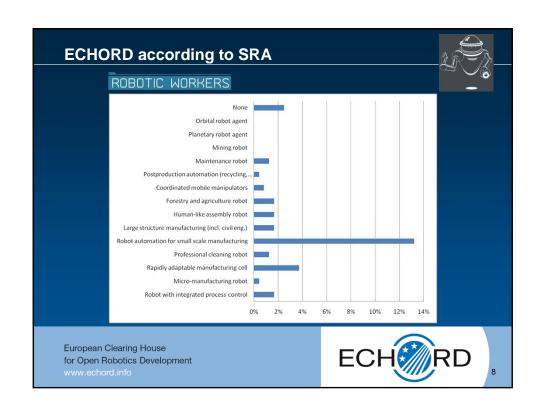
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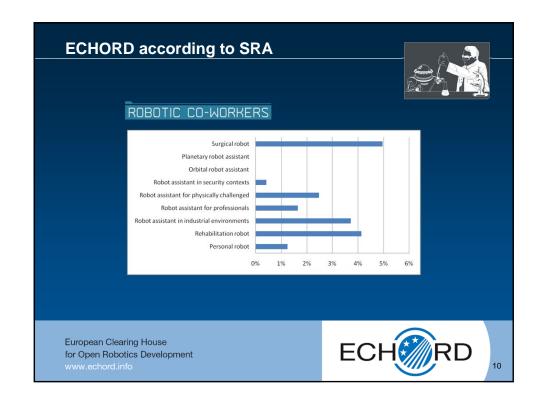




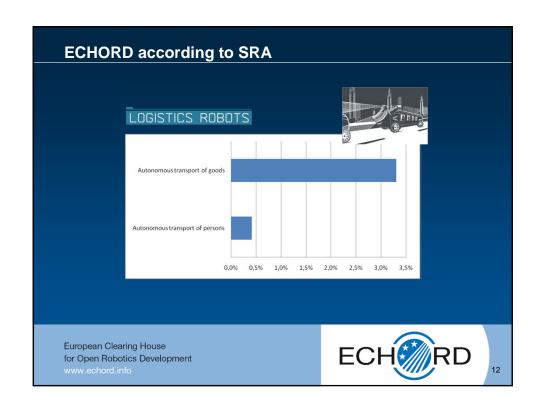




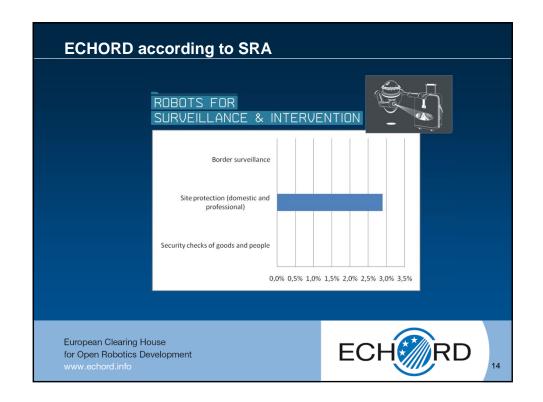


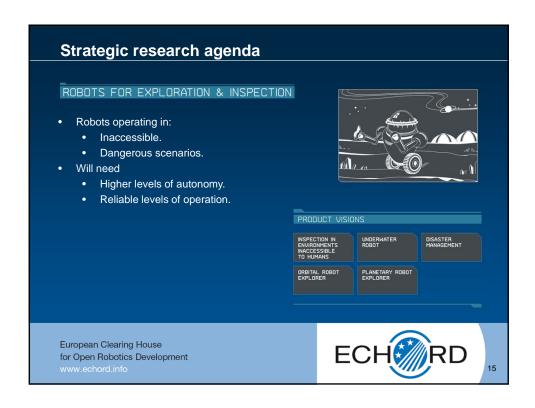


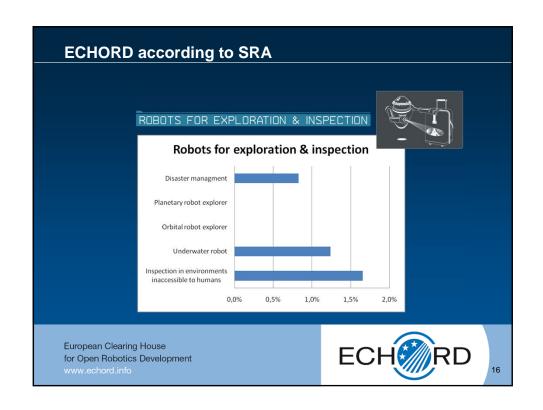


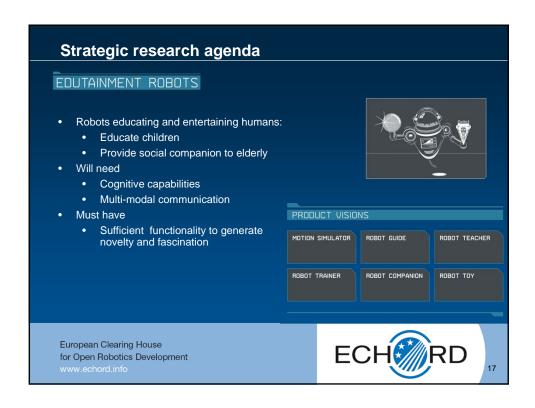


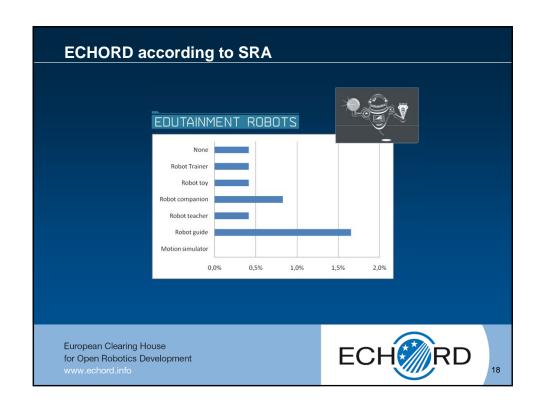


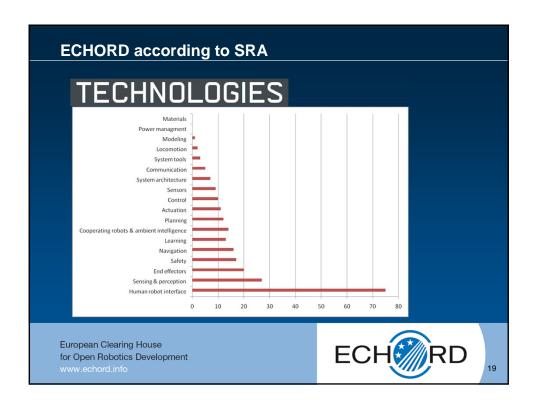












The Delphi Query

- Experts (you!) will classify:
 - Impact of basic **technologies** in the future of robotics.
 - Social and economic impact of the product visions and application scenarios.
- Reaching consensus
 - Two rounds.
 - First round classification only
 - In the second round (in the afternoon) experts will have access to the results of the first questionnaire.

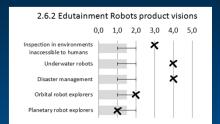
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The Delphi Query

- Second questionnaire
 - Preferably on paper.
 - We will be in this room all day.



- Links
 - http://robotics.dem.uc.pt/echord/iros 2011/application.htm
 - http://robotics.dem.uc.pt/echord/iros_2011/Technology.htm

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