



**Tempus project UM-JEP Nr. 41023-2006: „Collaborative internationalisation of software engineering in Croatia“**

## **Project Status in Ring**

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- Collaborative
- Internationalisation
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## Collaborative

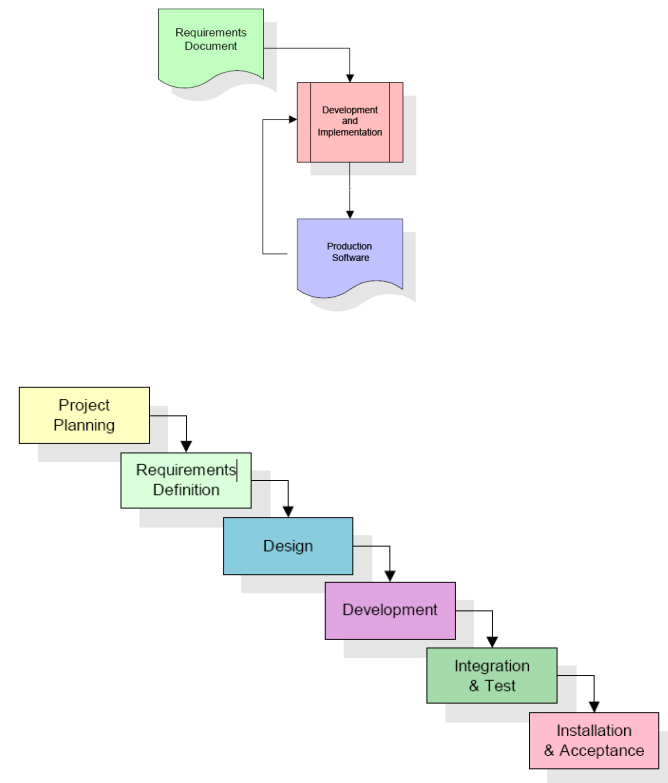
- Doubled the number of Tempus project participants (10% of company resources)
- Collaboration with the Zagreb University on several tracks
  - Distributed Software Development Course
  - Coaching students (Telecommunications department)
  - Annual award for best diploma work
- Willingness to include undergraduate or postgraduate students to participate in complex projects managed by Ring

## Internationalisation

- 80% of Ring software projects and solutions are already implemented on international markets (CEE and Middle East)
- Some projects involve several countries at the same time (NRTRDE)
- Through DSD Course – expected collaboration with Mälardalens högskola, Västerås, Sweden
- Willingness to engage and incorporate foreign students in real-life Ring projects

# Software Engineering

- Currently most projects implemented using “Rapid Application Development”
  - Advantages: fast implementation lifecycle, constant communication with the customer, generates highly skilled personnel
  - Disadvantages: Poorly defined design documents, “Moving target”, Poor or non-existent project documentation, Small reusability of code
- With the help of a SE competence center – Transition to a more appropriate “Waterfall” Software development lifecycle
- Transfer of know-how and experience gained from RAD projects to the SE competence center (Academia)
- Expectations from a competence center to supply testing and certification services and/or code optimisation



## Croatia

- Only declarative support from the government
  - “Croatia land of knowledge”
  - SME – the driving force of Croatian economy
  - Export orientation
- Are the KISEK project goals too general?
- Vaguely defined “Project owner” – initiator of activities
- What are roles of project participants
  - Business sector: initiator?
  - Academia: organisation?
  - Finances: ?