

Ericsson Nikola Tesla - partner

Tempus Project: Collaborative Internationalization of Software
Engineering in Croatia – JEP_41023_2006

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Company facts - general

- Croatian company – main owner Ericsson (47.3%)
- About 1400 employees
 - 87 % high school education
 - 8 % master and doctoral degree
 - About 540 employees younger than 32 years
 - 500 new employees in last three years
 - 600 employees in R&D Centre (one of the biggest R&D Centre in Ericsson – the biggest one outside Sweden)
- Structure of company income:
 - 70 % export
 - 22 % knowledge export to the world markets

Company facts - projects

- Number of projects (new technologies, scientific)
 - Development projects (**50**)
 - Applied research (**12**)
 - Research (**7 cooperation, 4 own**)
 - Examples SIP, PHIS, m-health – transfers of research/prototype into products
- Main technologies support
 - Telecom network SW, HW, Solutions
 - Main development activities:
 - real-time SW for telecom nodes
 - Proprietary and standard languages
 - Enterprise systems SW development/integration

Status of Software Engineering in our Company

- Project characteristics:
 - From small to very big projects – very often part of/cooperate with international project level
 - Own project methodology – PROPS
 - Usage of different development methodologies
 - Own/proprietary
 - RUP (ERUP)
 - Agile methods (eXtreme)
 - Process orientation
 - Development processes
 - Management processes
- Certificates
 - ISO 9001 – 2000
 - CMM level 3
 - EFQM

Motivation to be a partner in the Project

- Big development organization
 - Main activity SW development/testing
 - Huge amount of newcomers in the last period of time
 - Strictly dependent on the SW engineering
- Expectation on the quality of delivered products
 - Customer expectation
 - Cost of maintenance
- Price/performance ratio to stay in business
 - Competition pressure (external/internal)
- Time pressure
 - Less time to develop new product with higher quality

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