

D7.3 Risk Management Plan – Executive Summary

This deliverable describes the risk management plan for Factory2Fit. The foreseen risks, their probability and impact are described together with a mitigation plan for each identified risk. The risk assessment will be repeated every 6 months and this risk management plan will be updated accordingly. This risk management plan will support Factory2Fit management in preparing for risks and starting the necessary mitigation actions in time.

In the beginning of the project, the consortium does not recognise any risks with high probability. Medium probability risks are related to the user model and the adaptation engine in WP2 and WP3: can the user model be used for reliable predictions of user requirements in different work situations; will the applicability of the model be restricted by technical or legal constraints or user resistance to data gathering; can the adaptation engine give accurate feedback. The impact of the risks related to the user model and adaptation engine are seen either high or medium. The risks will be mitigated by thorough requirements analysis with industrial partners and end users as well as iterative and participatory development. The medium probability and impact risks are foreseen in defining common data models and interfaces for the virtual factory platform in WP4. The risks will be mitigated by having a separate task to refine the virtual factory platform to respond to the needed data models and by agreeing on suitable standards to be followed. In the WP5, some implementation risks are foreseen with medium probability and high impact. These risks will be mitigated by good requirements analysis and concept design, good planning and management as well as early reaction to foreseen problems. In the WP6, the medium probability risks related to exploitation are mitigated by IPR issues agreements in the consortium Agreement as well as focusing early on exploitation plans.

All the high impact risks are related to understanding user needs and industrial requirements as well as user acceptance of the adaptation concepts. The likelihood of these risks is low as the consortium will use a lot of efforts to thorough requirements analysis and will involve the end-users in participatory design. The high-impact risks of integration, implementation and exploitation will be mitigated by the strong and experienced consortium partners with good management and planning as well as early reaction to foreseen problems.

The requirements analysis phase of the project was concluded by month 6. After that the risks were re-assessed and this plan was updated accordingly. No major changes were required. We will continue re-assessing the risk management plan in the General Assembly meetings, at least twice a year.

