

# Role-play based Assessment of IPSS<sup>2</sup>-specific Intellectual Capital

by

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# IPS<sup>2</sup> - What is it all about?

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- Industrial

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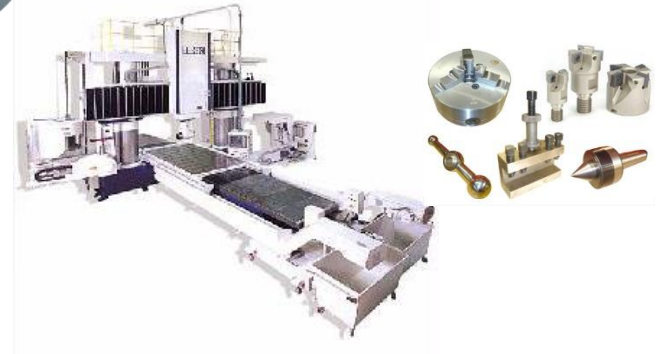


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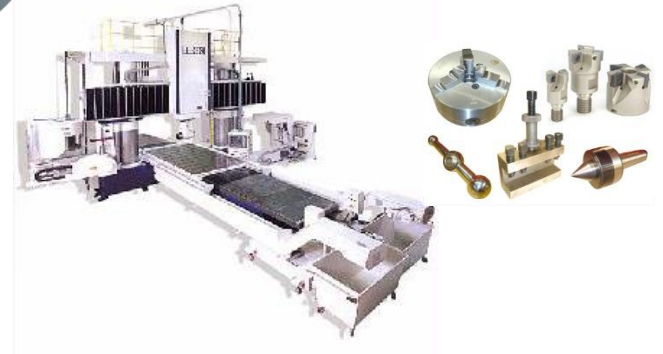
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Is that all?

Is an exemplary manufacturing company prepared for an IPS<sup>2</sup>?

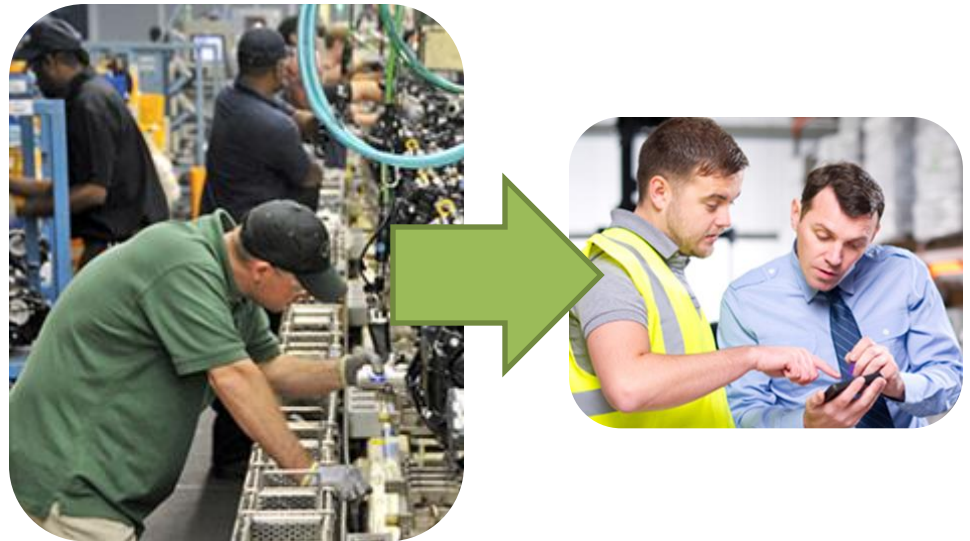


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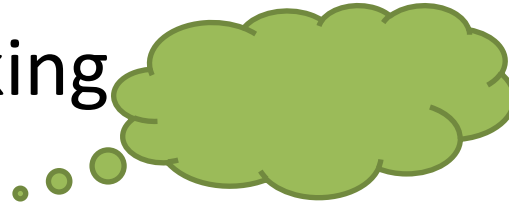


# What is necessary for a cooperative collaboration?



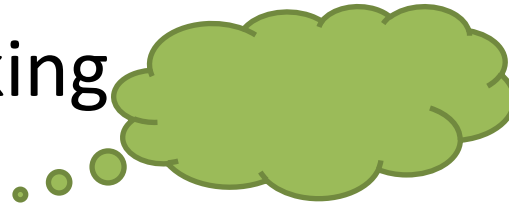
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- Service oriented thinking

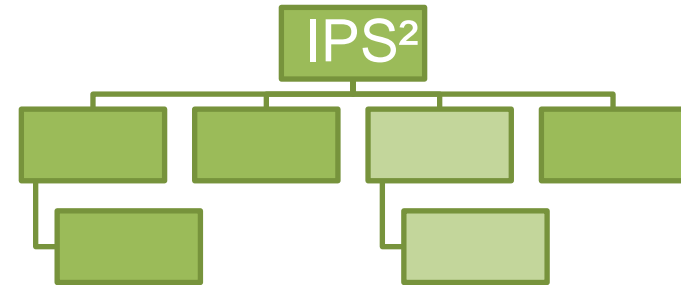


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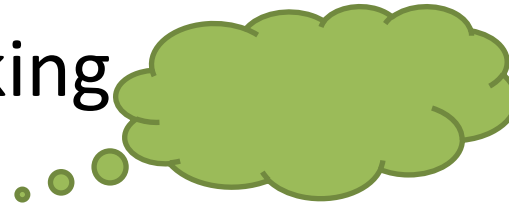


- Joint organizational structure

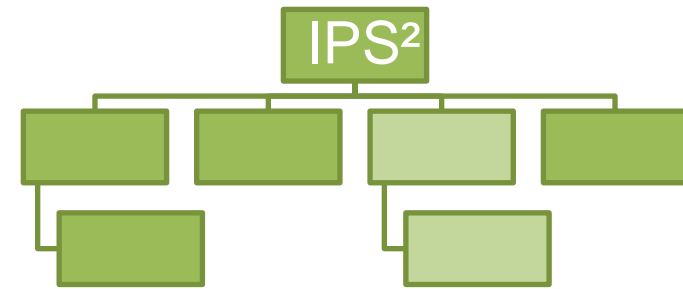


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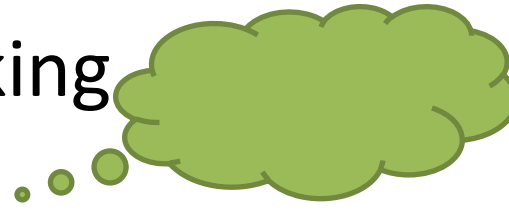


- Joint standards and rules of conduct

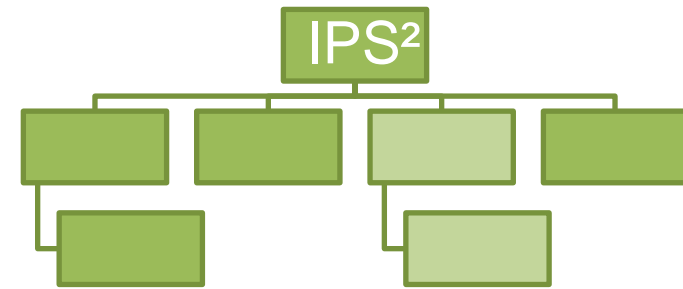


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- Joint standards and rules of conduct



All examples are intangibles:

It is the “Intellectual Capital” of companies

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- Competences, skills, experience of the staff
- All kind of relationships, especially to external people, groups, or organisations
- All kind of structures that are used by the staff to work efficiently and be innovative





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- IPS<sup>2</sup> is based on a joint planning
  - Communication during development
- IPS<sup>2</sup> is based on a collaboration
  - Joint structures for creation of value
  - Service oriented thinking
- As early as possible



# How to measure Intellectual Capital for IPS<sup>2</sup>?

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- By an involvement of staff members of all participating companies





# How to measure Intellectual Capital for IPS<sup>2</sup>?

- By an involvement of staff members of all participating companies



- Consideration of the goals and challenges of all participating companies



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→ Role-play based case study

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- Design:  
Designing of future events with risks
- Simulation:  
Doing the role-play with participants that are involved in the IPS<sup>2</sup> (provider and customer)
- Results:  
Participants assess intangibles that are helpful to manage risks that are simulated in the role-play

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  - How will people react?



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- Creation of daily routine
  - What risks do we expect?
  - What actions are associated with this risks?
  - Which persons are involved in that actions?
- Creation of challenges
  - How will people react?
  - What structures will be required?



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- Creating fictive future events helps to realise required intangibles
- Results show connections to simulated risks



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- Results are compatible for use in further methods

