Patent informatics to support innovation processes

What techniques are suitable for supporting what type of decision?

**Aims**
- Mapping of strategic decisions \((D_{i,j})\) to be taken at each technology development process gate
- Identification of relevant patent indicators / analytical techniques \((T_m)\) relevant for decision support along technology development processes
- Matching of decisions and tools

**Progress**
- Identify decision questions at process gates by means of workshops and survey
- Literature and practice review of existing and useful indicators / analytical tools / techniques
- Compiling indicator / tool database with descriptions
- Identification of decision support potential of each indicator / analytical tool
- Validation of indicator / tool match (e.g. expert interviews, survey questionnaire)

**Deliverables**
- Strategic decisions \((D_{i,j})\) at the four gates of the technology development process (based on literature review and STIM workshop (July 2015); results from online survey with \(n=50\))
- Catalogue of techniques with descriptions, examples and key sources \((T_m)\) for analyzing patent data (based on literature review and expert suggestions):
  - 19 techniques for structured data,
  - 13 techniques for unstructured data