

Fast-Start Technology Roadmapping

[Company]

***Workshop 3
(Technology)***

[Date]

Workshop Overview

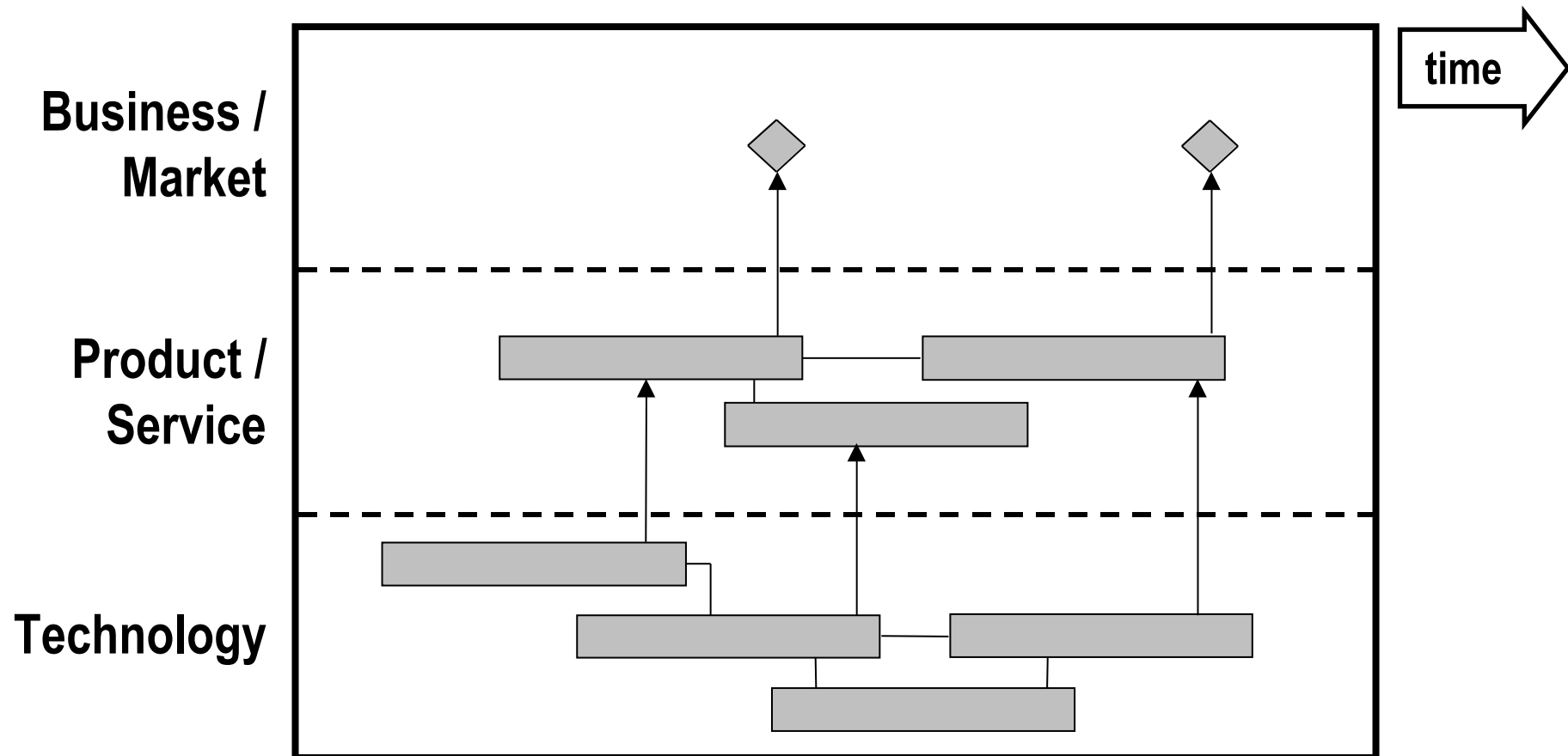
- **Introduction**
- **Technology solutions**
- **Other resources**
- **Group solutions**
- **Impact on product feature concepts**
- **Gaps**

Fast-start technology roadmapping at [Company]

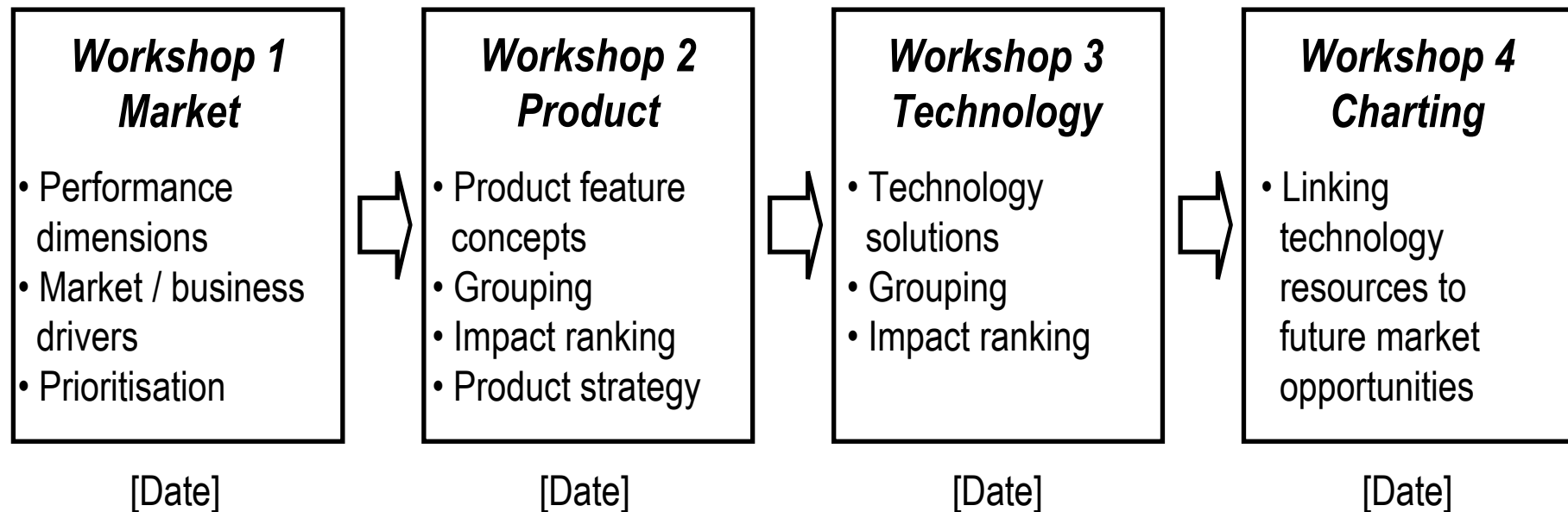
Objectives

1. ...
2. ...
3. ...
4. ...
5. ...

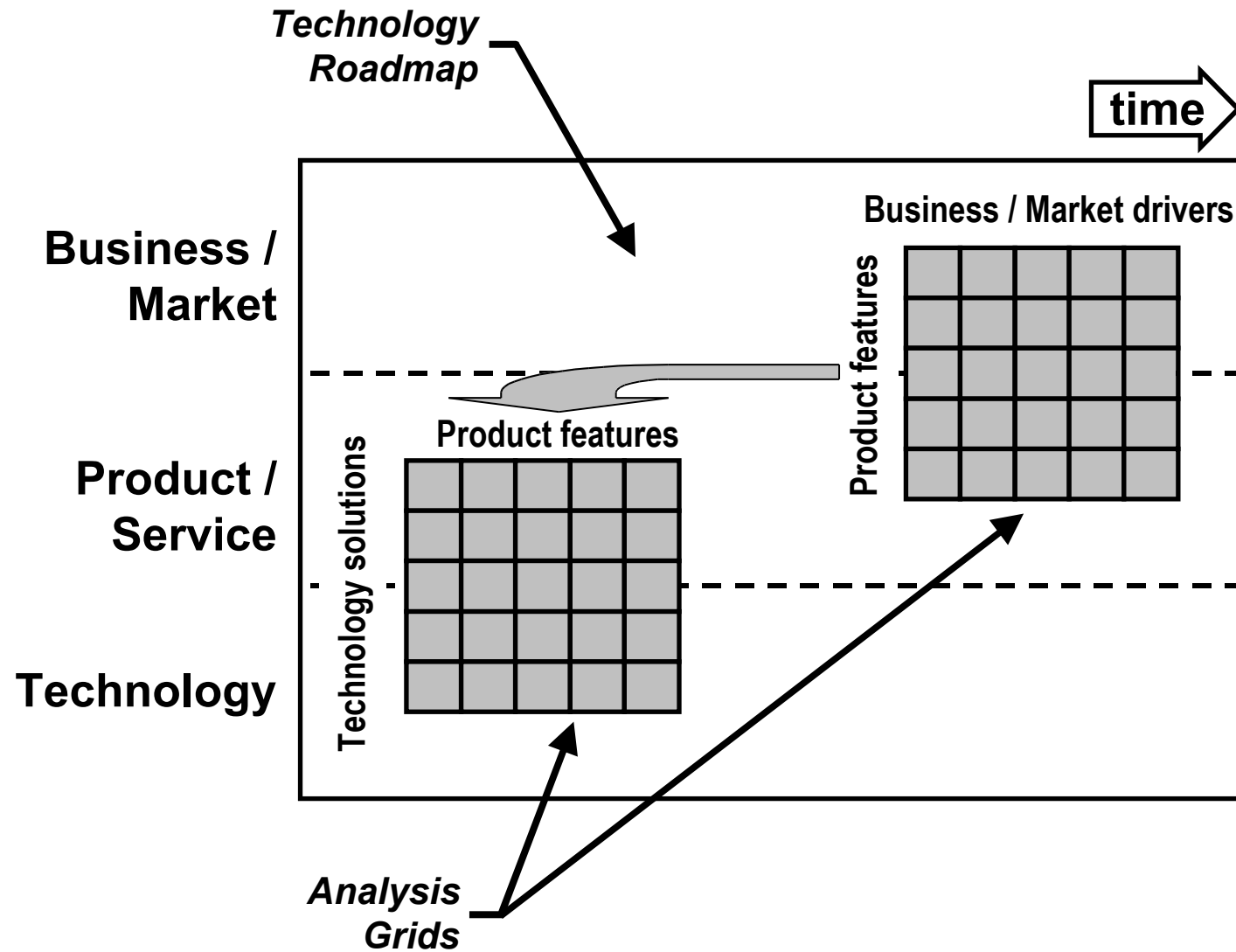
Technology Roadmap (TRM) - Schematic



T-Plan: Fast-Start Technology Roadmapping Procedure



Roadmap Input Data Development



T-Plan

		Market								[Company]				
		1.	2.	3.	4.	5.	6.	7.	8.	A.	B.	C.	D.	E.
Product Feature Concepts	Market / Business Drivers													
	1.													
	2.													
	3.													
	4.													
	5.													
	6.													
	7.													
	8.													
	9.													
	10.													

Technology response

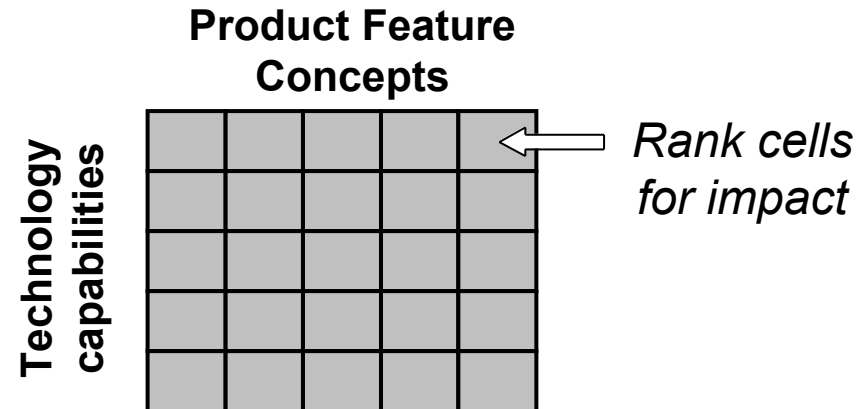
- These are potential technological solutions which could deliver the desired product / service features, grouped into areas
- ***Examples:*** intelligent control; laser cutting & joining

- For each product feature in turn, brainstorm possible technology solutions
- Group solutions into technology areas / routes (10 max)
- Identify other key resources*
- Map links to performance dimensions*

* optional

- *Consider technological problems, constraints and challenges*
- *Technology areas may be existing areas, programmes, platforms, or competences*
- *Consider component, design, manufacturing, information, process, 'hard' and 'soft' technological solutions*
- *Other resources include skills, competences, alliances, knowledge, capital investment*

Impact of technology response



- For each technology capability, rank 'impact' on each product feature concept in turn
- Use √ for low, √√ for medium, and √√√ for high impact
- Identify key technology capabilities that have high impact across multiple features (synergy)*

- *Impact is defined as the 'potential for satisfying the driver'*
- *Use 'X' if the impact is negative*
- *'Cross-impact' grids can be used to explore dependencies*

* optional

T-Plan

<div>Product Feature Concepts</div> <div>Technology Solutions</div>	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1.										
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										
11.										

Gaps

- Identify key 'gaps' in current knowledge

- *Consider risk, uncertainty, maturity, development time, skills, competences, knowledge*
- *Consider competitor and supplier activity / competences*
- *Consider sources of information and mechanisms for filling gaps*