

Act 1 - Scene 3

Design to market

Forum 2, The Hague, 24th - 26th October 2006



VIVACE

Joris Cezard, Eurocopter

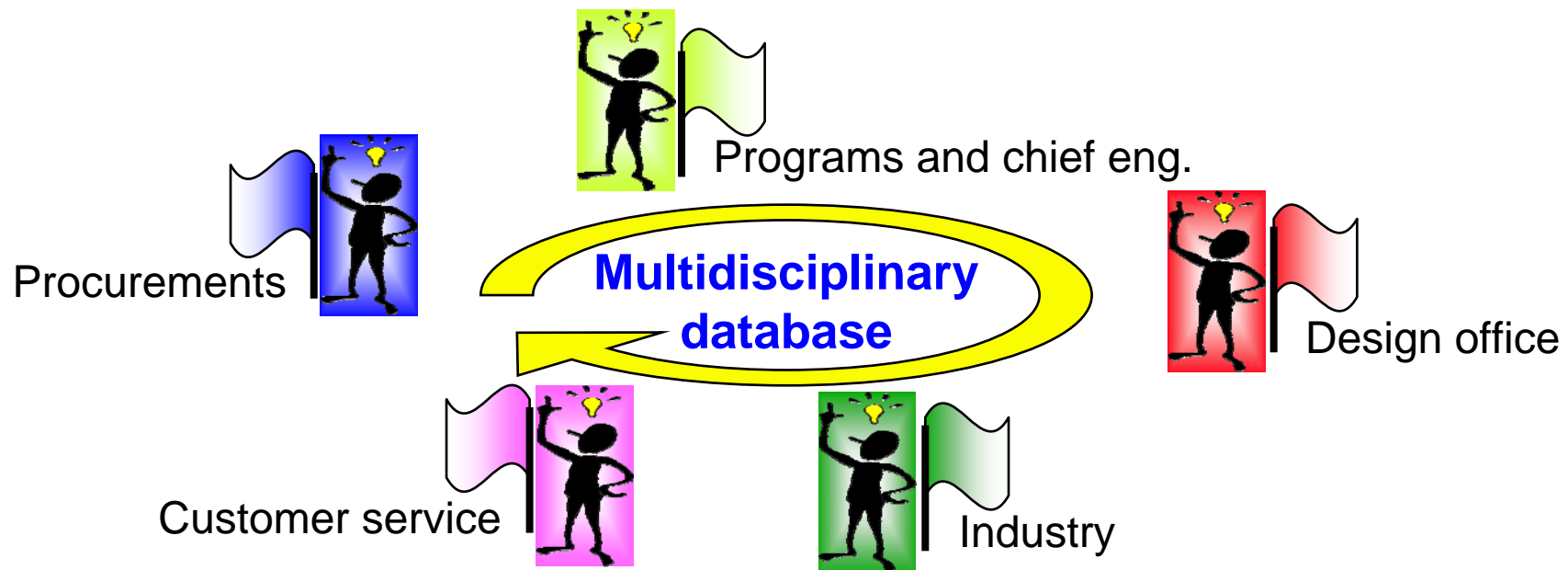


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Scope

Scope : to deploy **Design to Market** methodology in terms of **data management, traceability** and project **steering and reporting**

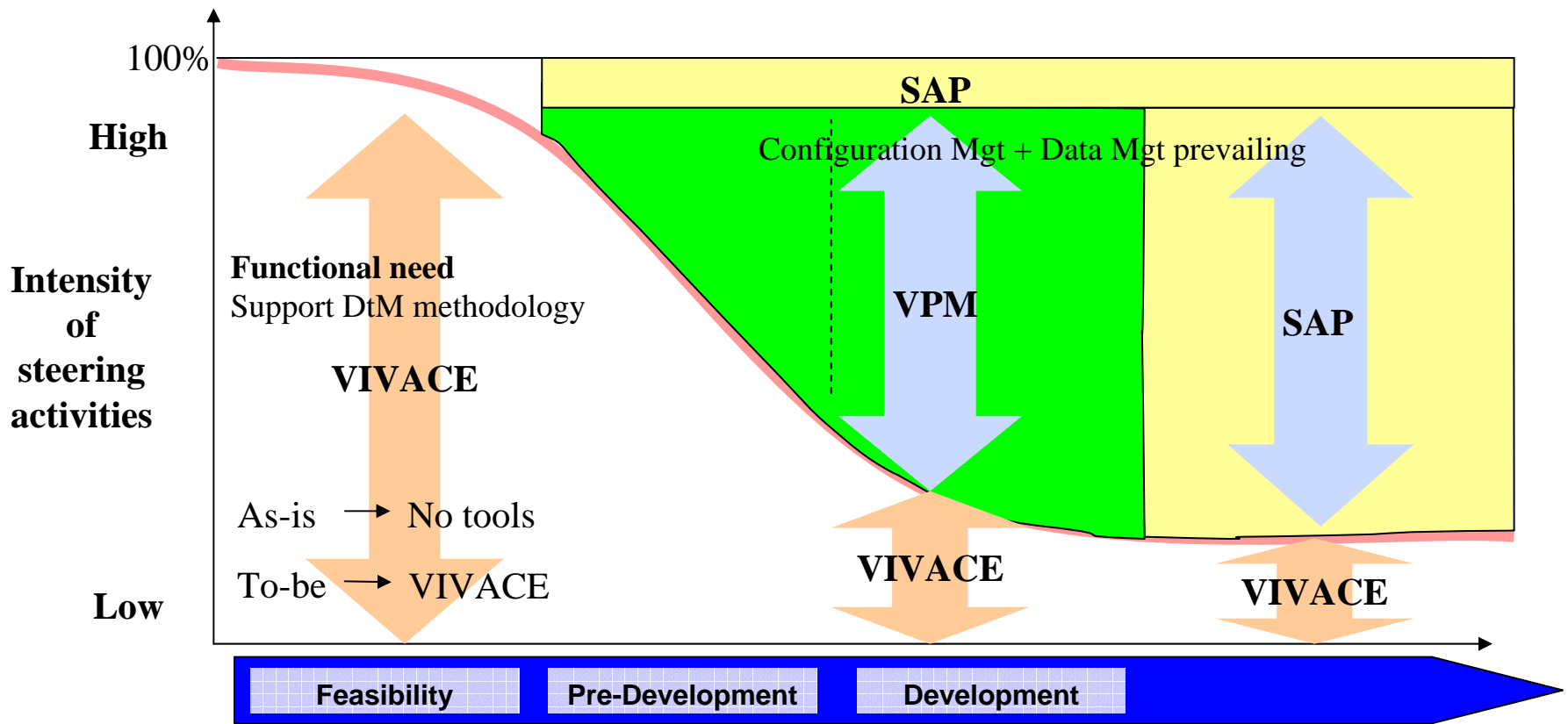
Means : 1/ Define Design to Market methods and organisation
2/ Build a design to market tool





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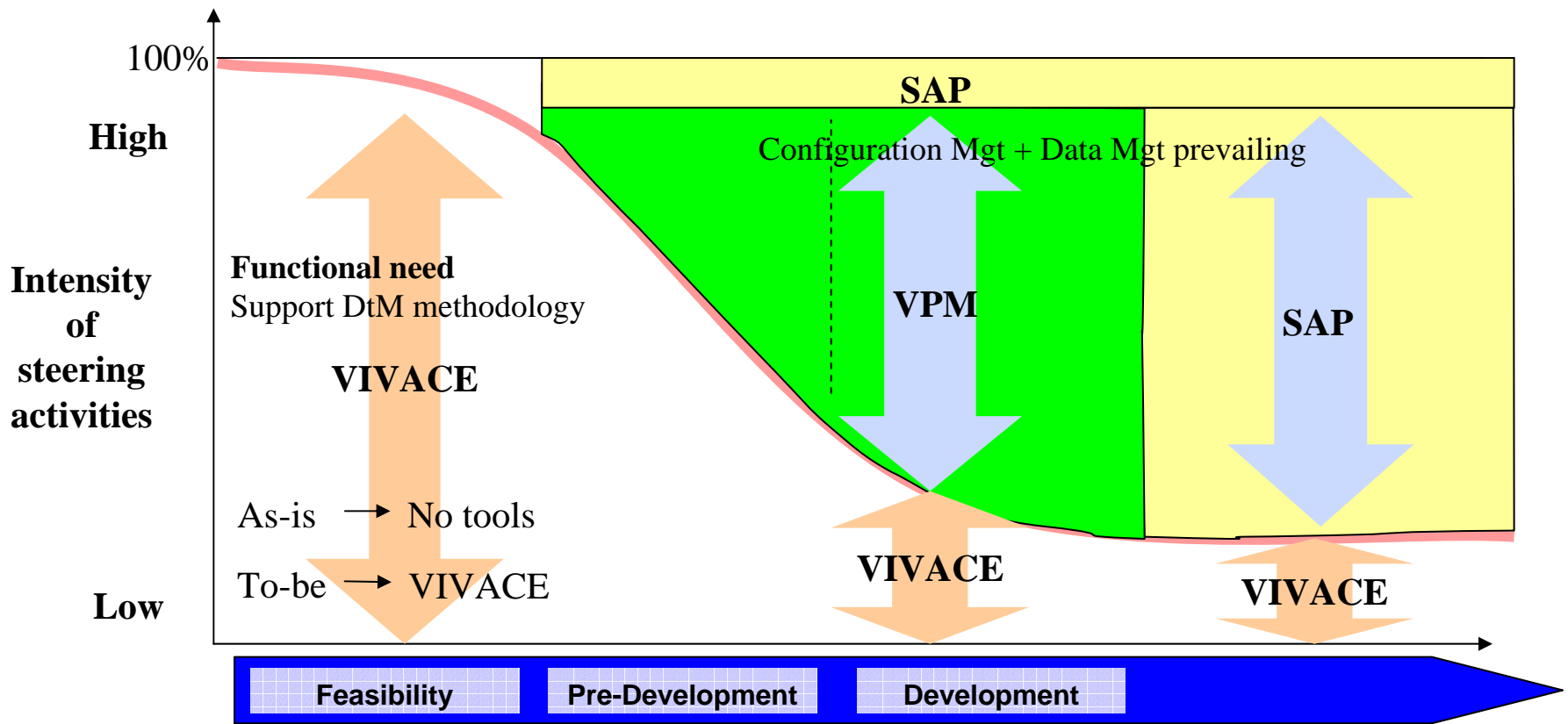
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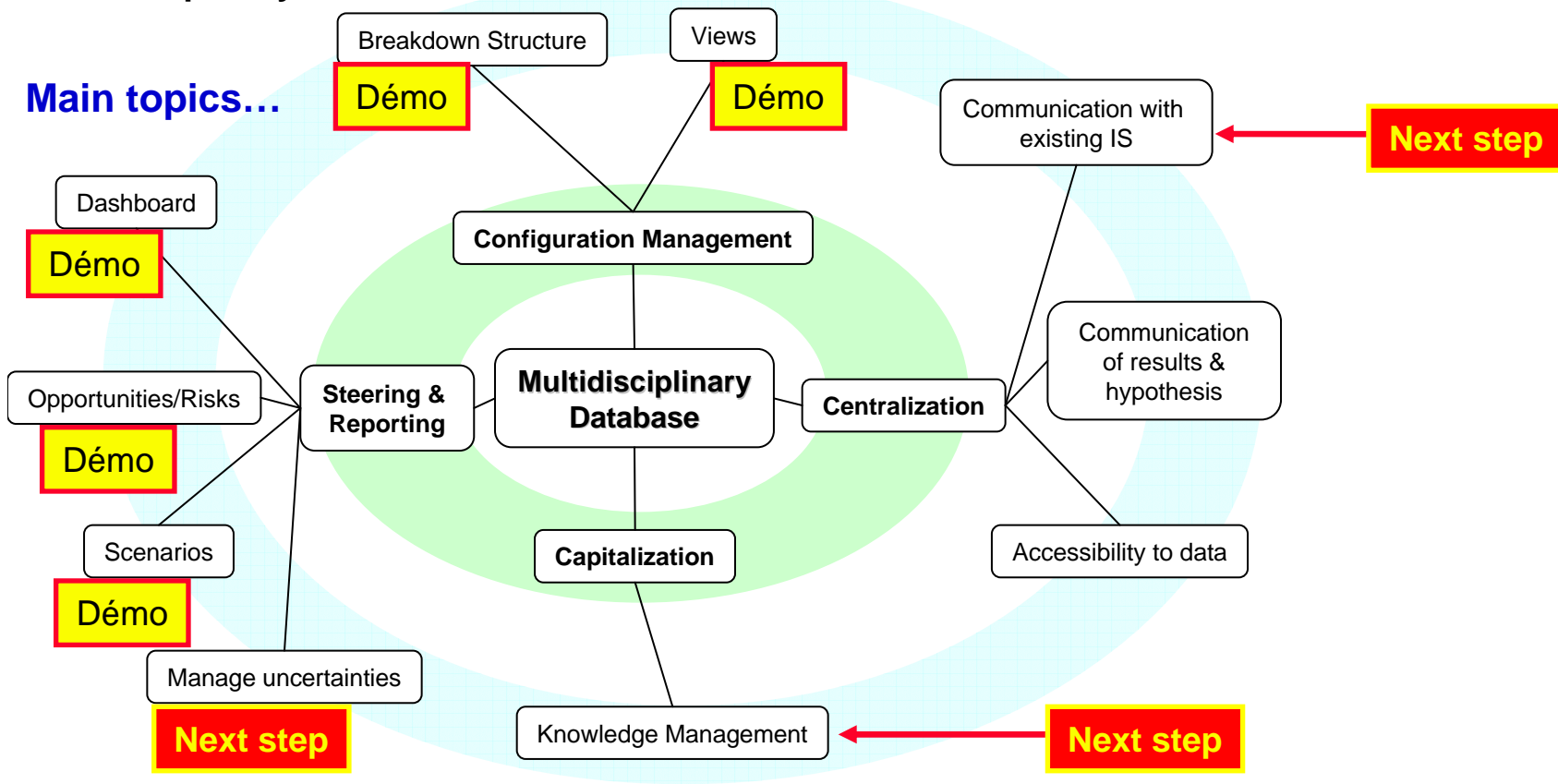


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TO BE

Design to market is applied **from the beginning of the project** (feasibility phase) with the help of the **Multidisciplinary Database**

Main topics...





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Introduction

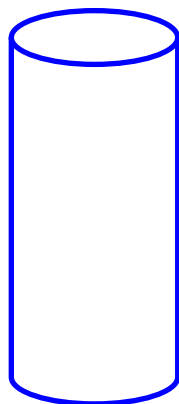
The aim of the Design to Market is to influence design to reach objectives defined by the market

This objectives are in our application the Recurring cost (RC), the Direct Maintenance Cost (DMC) and the weight.

The multidisciplinary database help us to :

- manage assessed data = Bases
- manage the way to reach objectives with the Opportunities application = Optimisation
- report the difference between Base/Optimisation and Objectives

Assessed



Opportunities



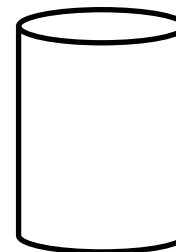
Optimized



?



Objective





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Overview of "Opportunity sheet" and "Scenario"

Opportunity sheets

Incompatibilities and dependencies

Dtct - Edit Oppor

OS Id / OS Id / Impacts / Action Plan / Budget [Save] [Cancel]

Economical and Techni

Wins

Refresh RC 0

DMC 0

NRC 0

Impacts Weight (kg) 0

Impacts MMH 0

Data RC

Data DMC

Data Weight

Scenario*

- Os:

- 10 - A - Risk - Needs
- 02 - a - Opportunity - Needs
- 01 - A - Opportunity - Exclude

[Save] [Cancel]

*: list of OS to apply

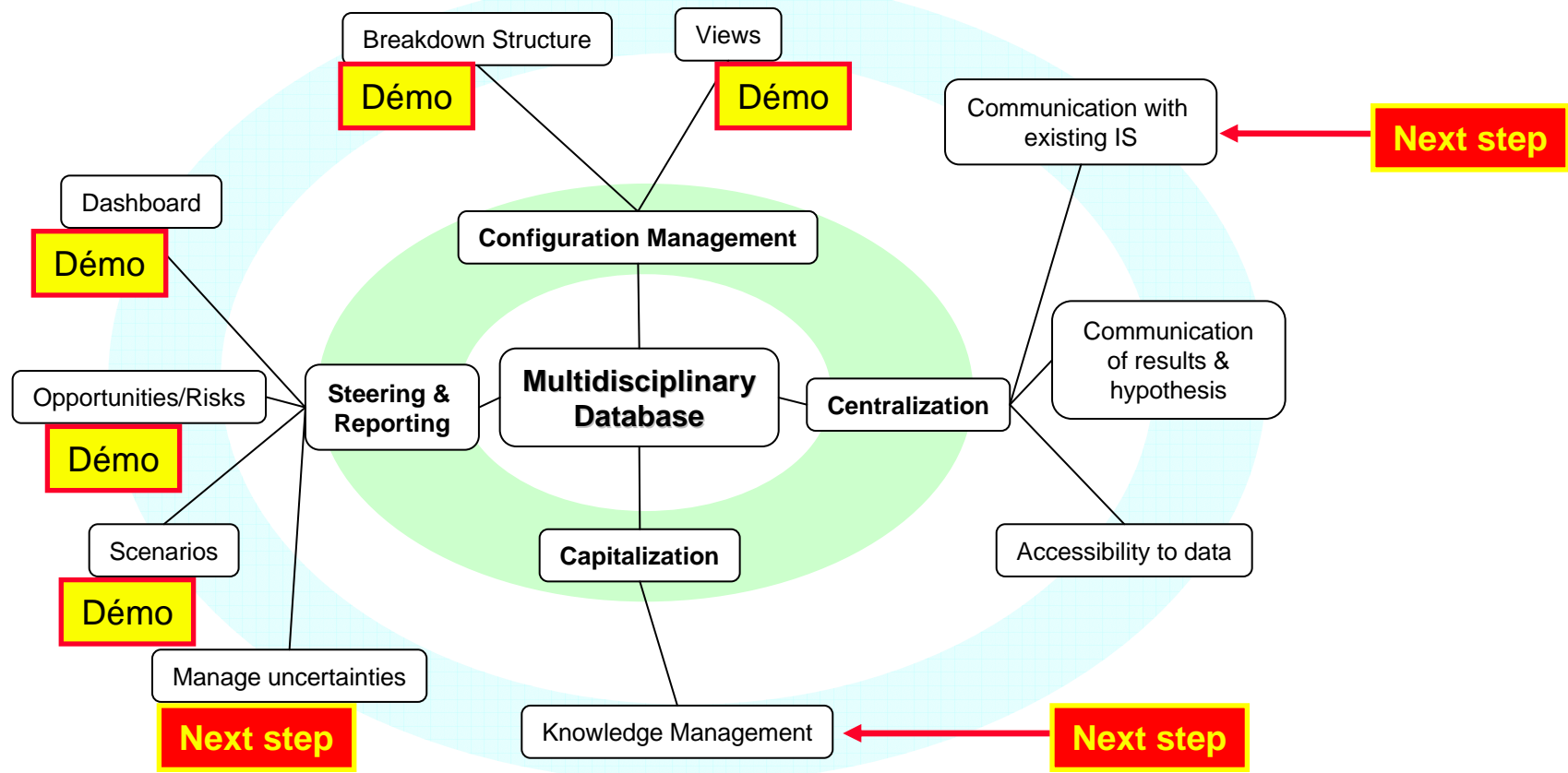
Dashboard

Current Access					
ECX - A - Vivace - 2 CHANGE					
	RC (K€)	DMC (€/F H)	W (kg)	NRC (k€)	DP (k€)
Current Access	0,00	6,80	0,00	0,00	0,00
Reference	0,00	6,75	0,00	0,00	0,00
Costs (Current / Ref)					
SGroup	RC (K€)	DMC (€/F H)	W (kg)	NRC (k€)	DP (k€)
Ancillaries	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
Anti-vibratory System	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
Auto pilot	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
Avionics	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
Doors	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
ECS	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
Electrical Power	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
Engine alone	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00
Engine installation	0,00 / 0,00	0,00 / 0,00	0,00 / 0,00	0,00	0,00 / 0,00



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STATUS





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Innovation

A COMPLETE TOOL FOR DESIGN TO MARKET

3 VIEWS breakdown with Mapping between each view

=> each specialist work in his own environment and can communicate with others

Opportunities and risks management included in the tool



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Other applications

**Multidisciplinary database is a generic tool
which can be used on every Design to Cost
application in all engineering activities.**



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QUESTIONS