# 

#### PRACTICAL TOOLS FOR SMART PRODUCT EXPLORATION AND CONCEPT VALIDATION

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Met steun van:

CONFIDENTIAL

#### INNOVATION CHALLENGE SMART COFFEE MACHINE



"Ordinary" coffee machine

Intelligence, sensors and communication



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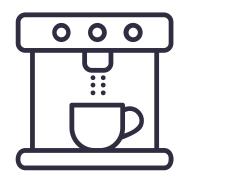


"Smart" coffee machine

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What smart functionality would add value? Who would be interested in such product? What technology can we use? What revenue model would be profitable?

#### INNOVATION CHALLENGE SMART COFFEE MACHINE



Intelligence, sensors and communication



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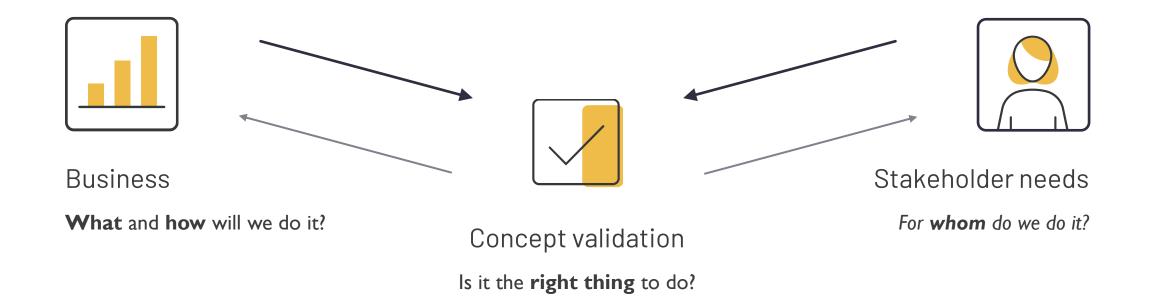
"Ordinary" coffee machine

- Competences
- Customers
- Suppliers
- Partners
- Business Model

"Smart" coffee machine

- New Competences
- New Stakeholders
- New Suppliers
- New Partners
- New Business Model

#### INNOVATION CHALLENGE ACTIVITIES



#### INNOVATION CHALLENGE (SMART) PRODUCT IDEA





What (alternative) technologies are available?



Does it fit within our portfolio and companies' mission?



Do we have the right expertise?

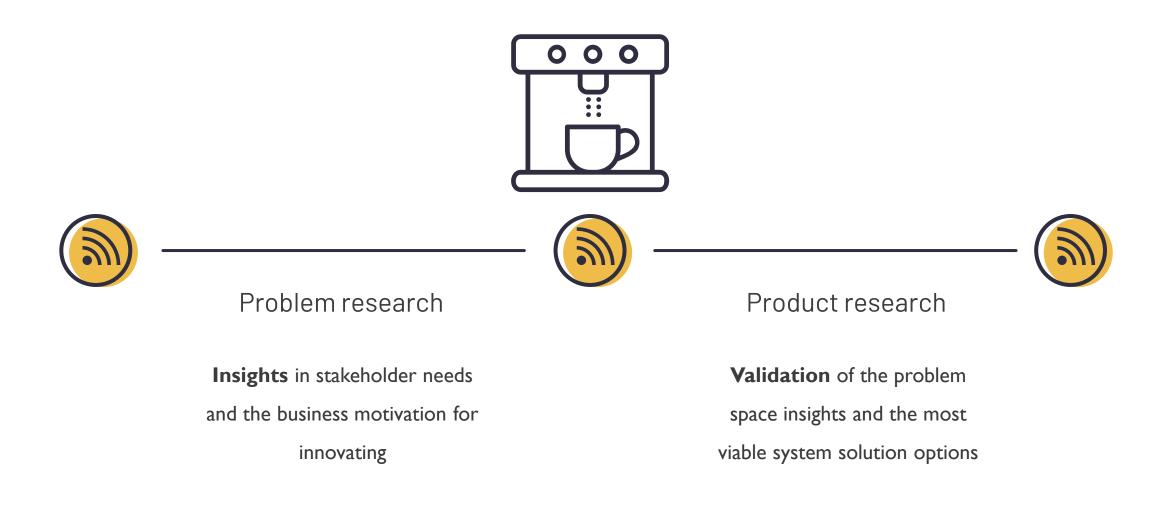


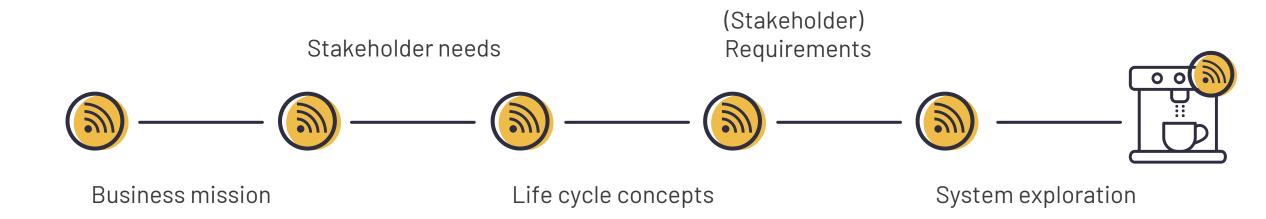
Which (new) markets to serve? What will be the market size?



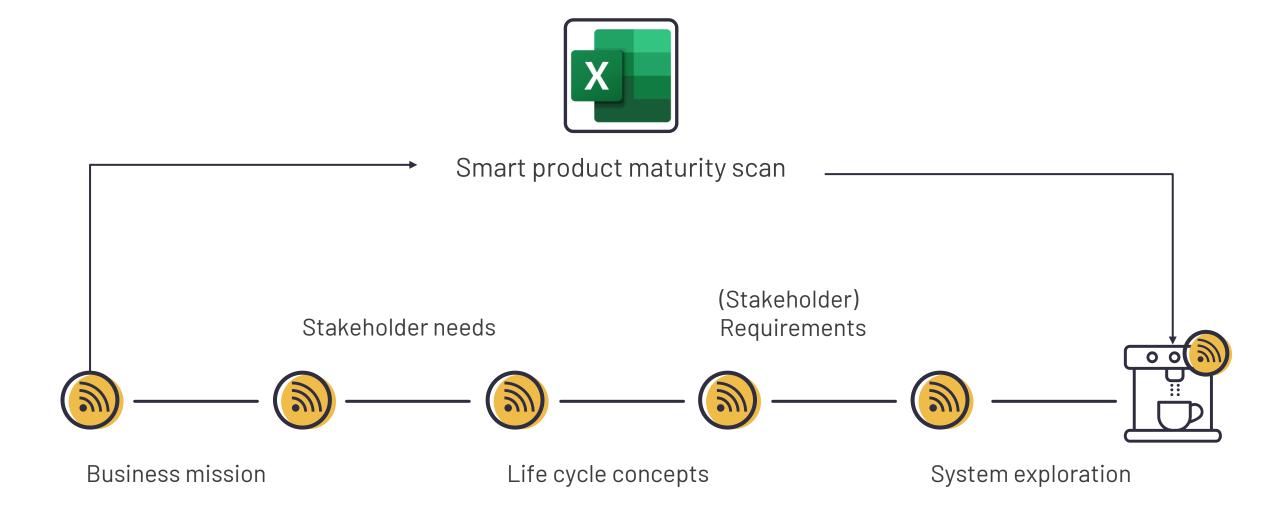
What will be the revenue model? How to set a price? Who will be our competitors?

#### PRODUCT EXPLORATION AND CONCEPT VALIDATION PROBLEM $\rightarrow$ SOLUTION SPACE





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#### SMART PRODUCT MATURITY SCAN



Smart product maturity scan



ORGANIZATIONAL CAPABILITIES

Product Lifecycle

Project Management

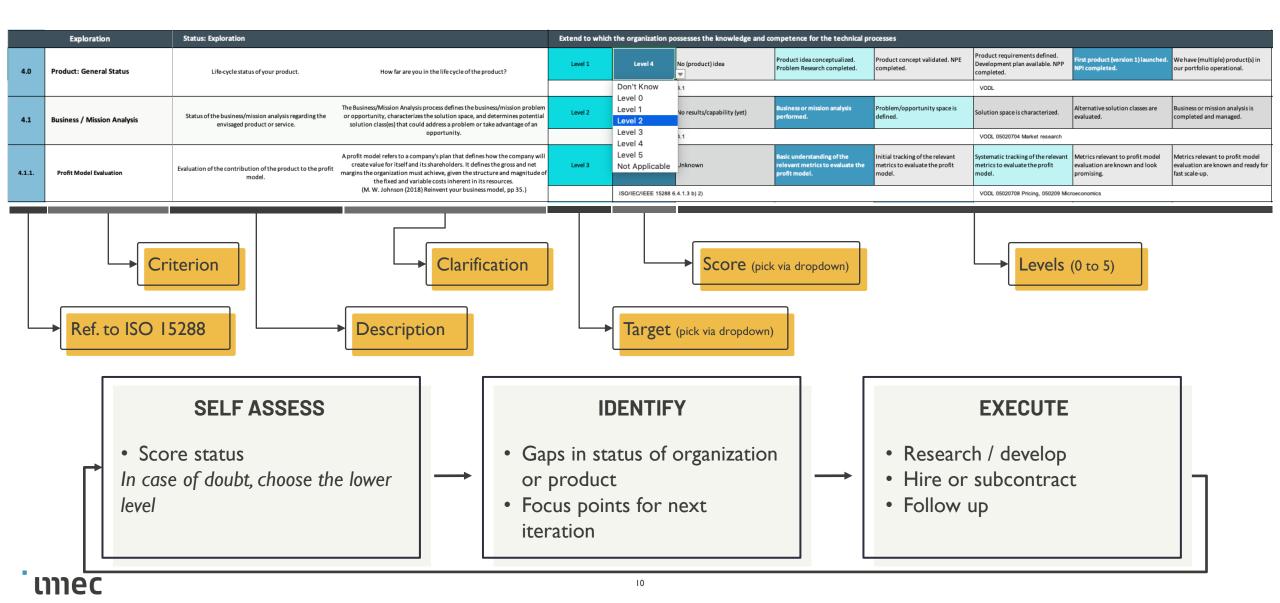
Organization

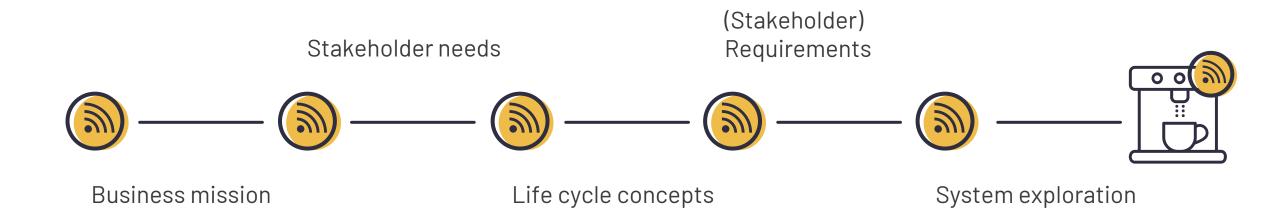
Agreement processes

**43** criteria

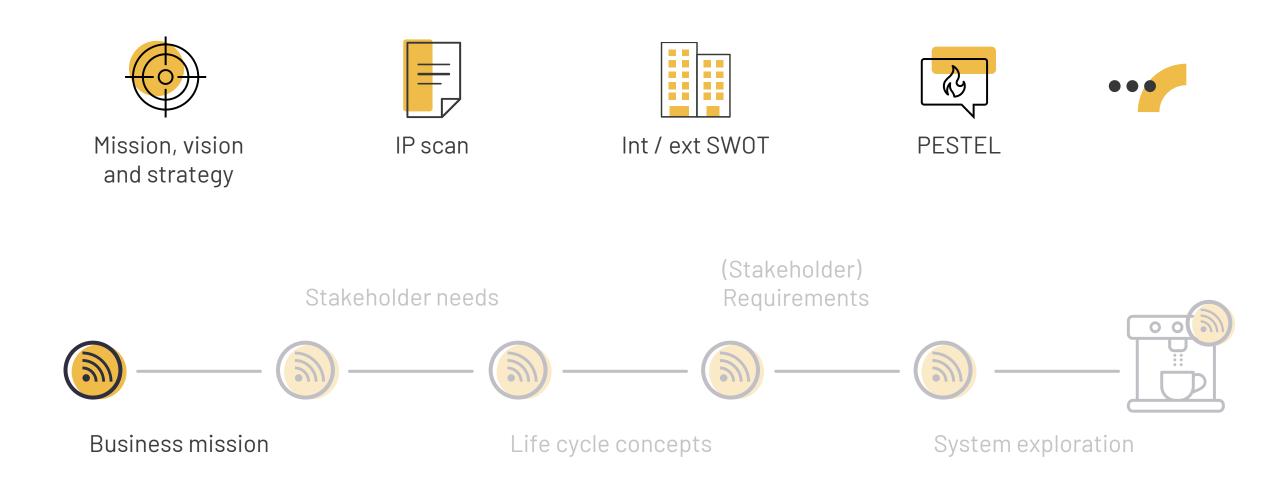


#### SMART PRODUCT MATURITY SCAN

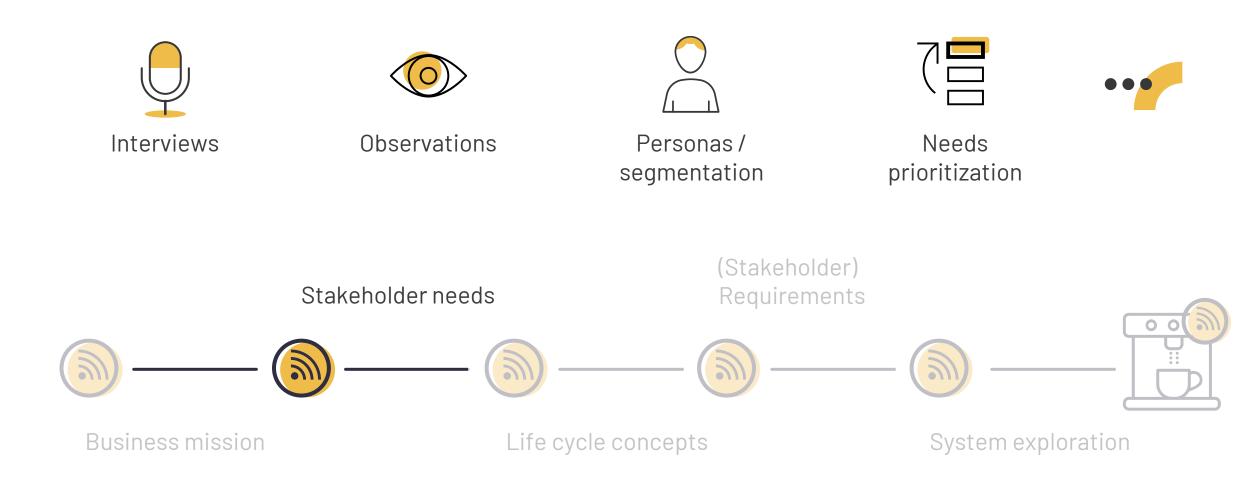




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Research goals

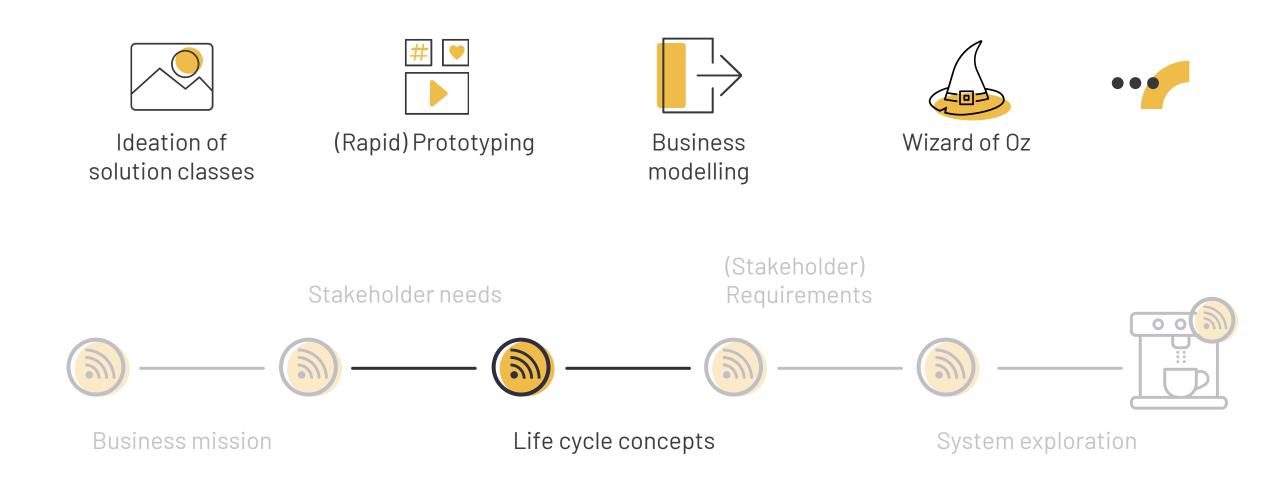
Topic guide

Informed consent

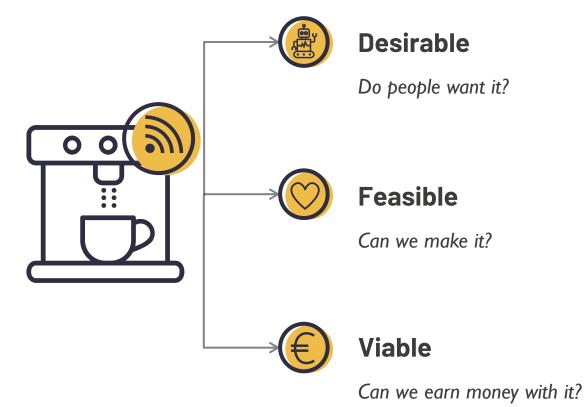
Interview techniques

Analyse and capture stakeholder needs





Validate whether the concept is...



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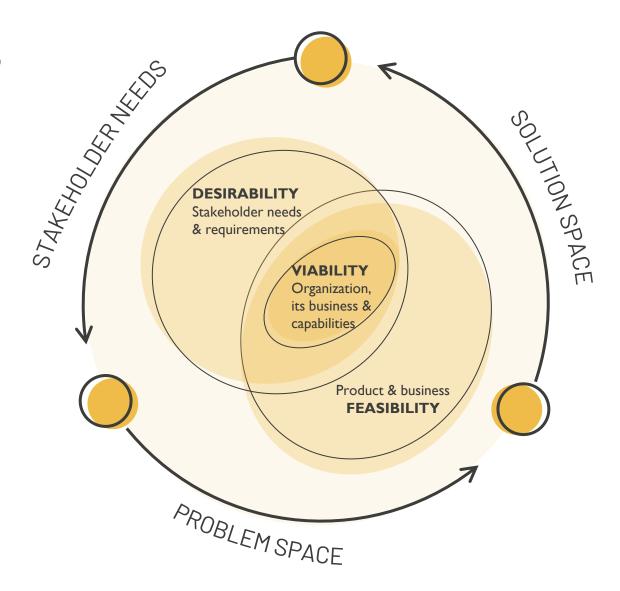
SOLUTION

PARTNERS

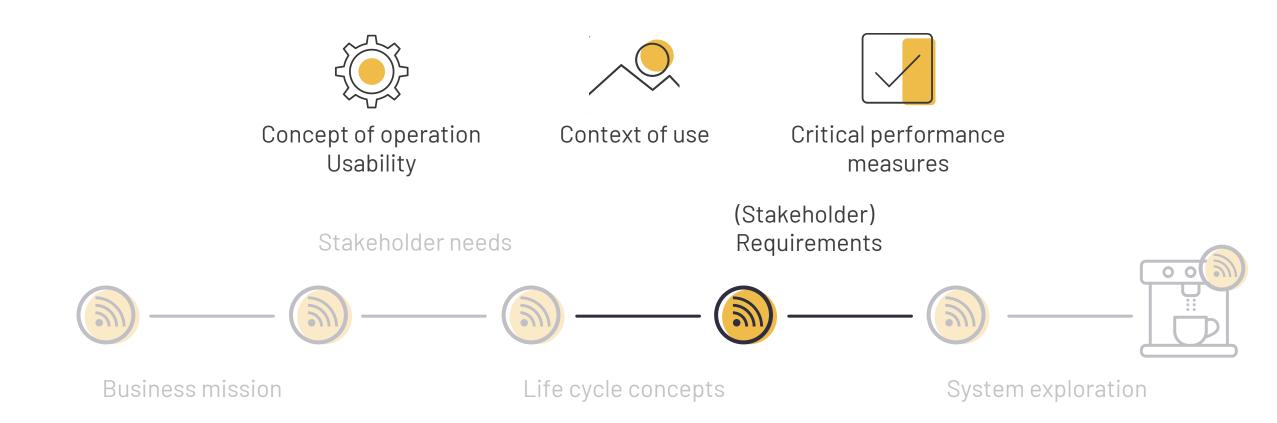
CAPTUR

Validate whether the

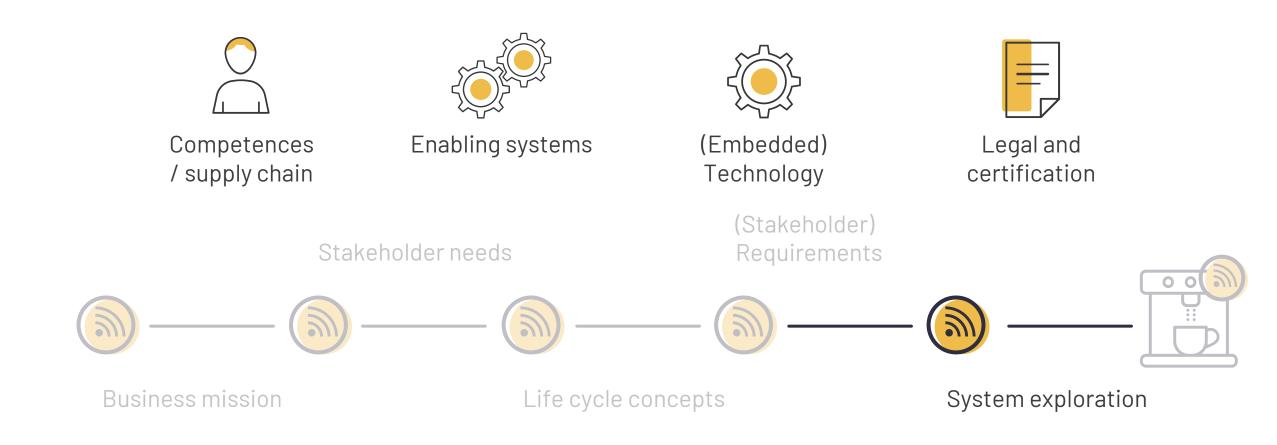
concept is... Desirable Do people want it? 0 0 Feasible Can we make it? Viable Can we earn money with it?

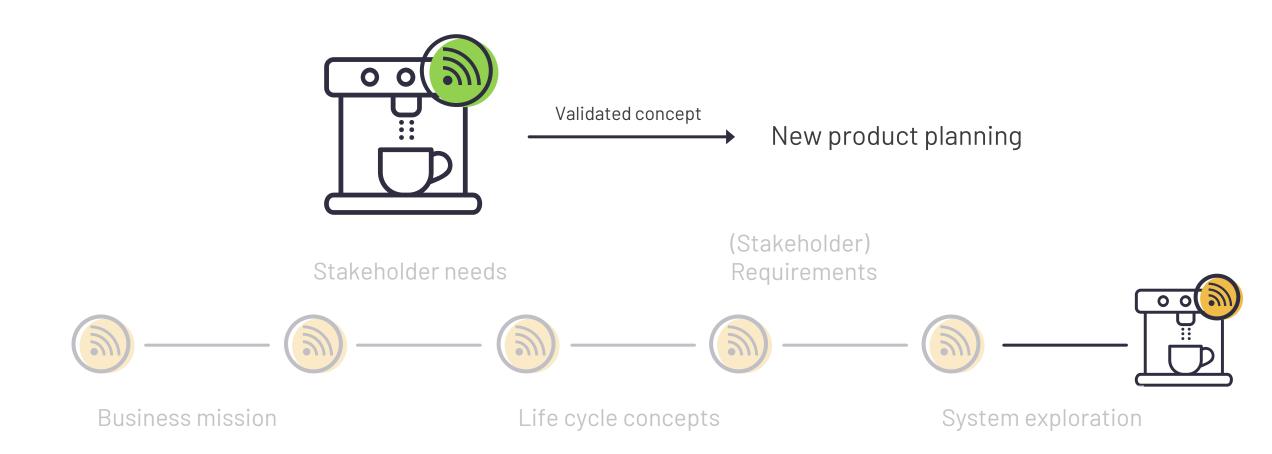


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### Ended UNDEC embracing a better life

