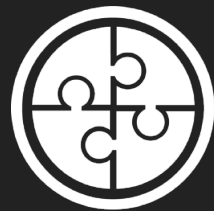


GETTING STARTED WITH REQUIREMENTS QUALITY ASSESSMENT



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WHO ARE WE?



Cecilia Karlsson



cecilia.karlsson@reusecompany.com



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WHO ARE WE?



José Manuel Pereira



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T **R** **C**

TRACEABILITY

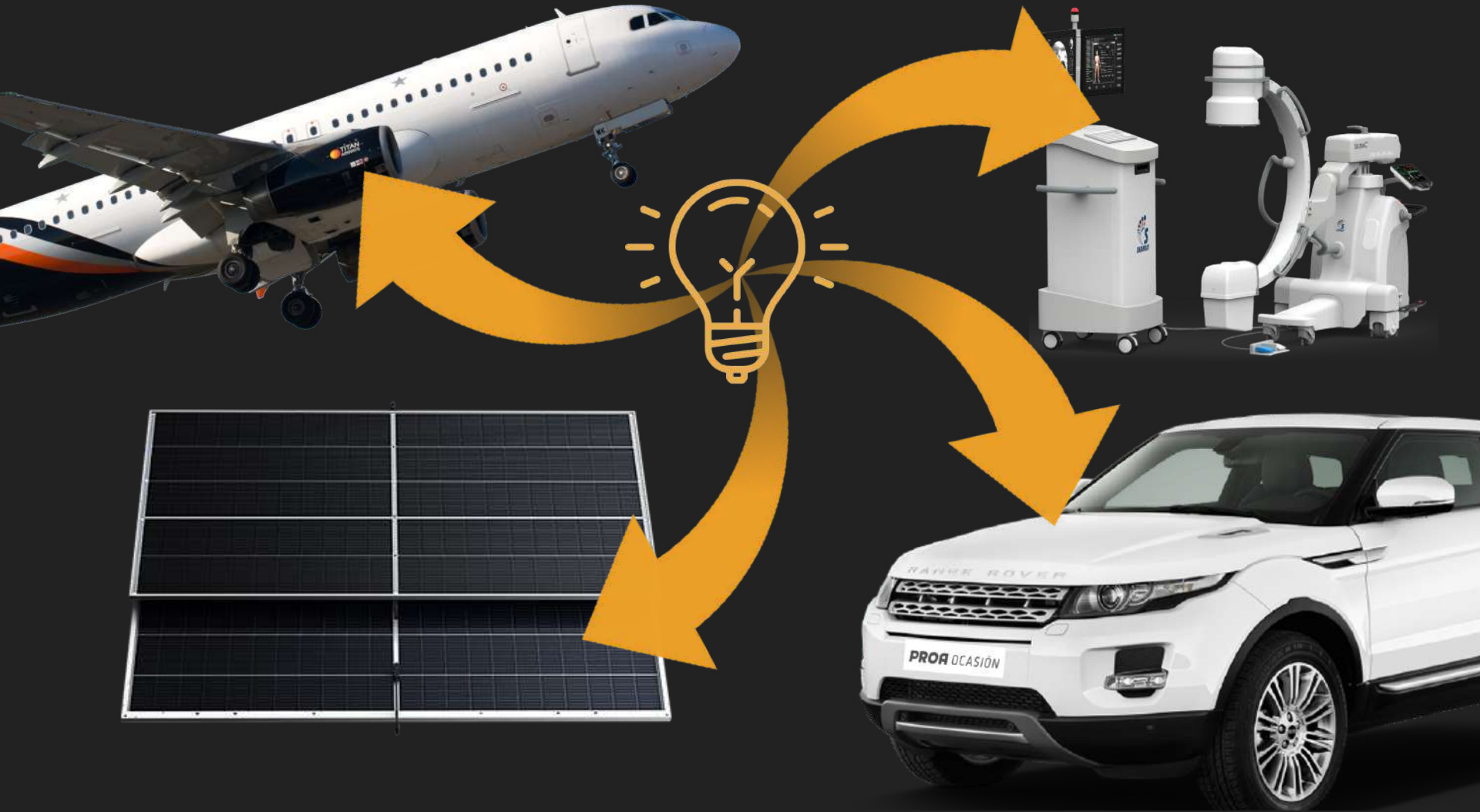
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CALIDAD = QUALITY



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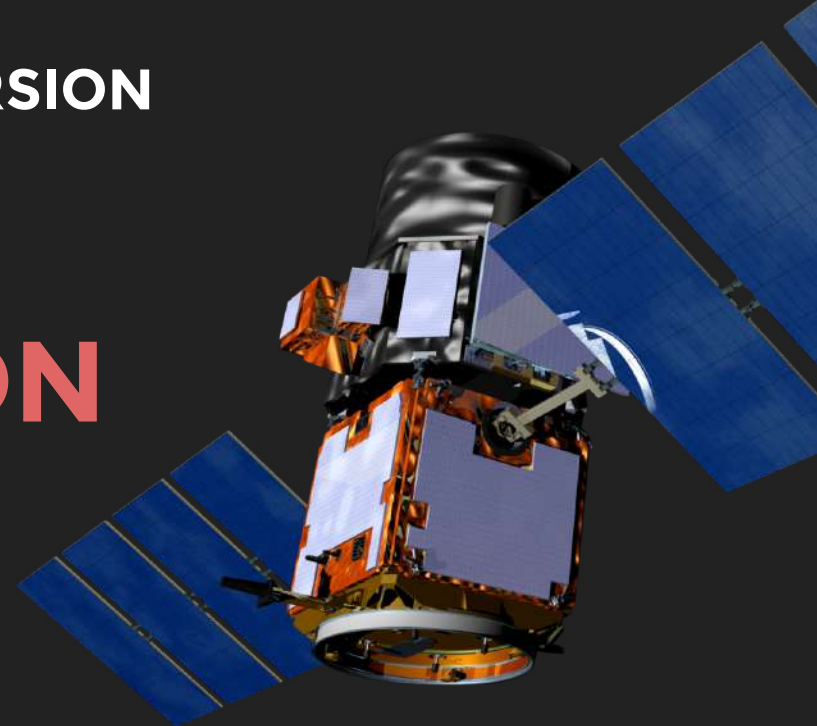
NASA

WHY?

UNITS CONVERSION

IMPACT?

**\$125
MILLION**



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€15 MILLION

+

€50

MILLION



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+
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AIRBUS

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WHY?

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+

€1.5

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UNFULFILLED REQ.

\$125

€15 MILLION

€8.1 BILLION

MILLION

+

+

€50

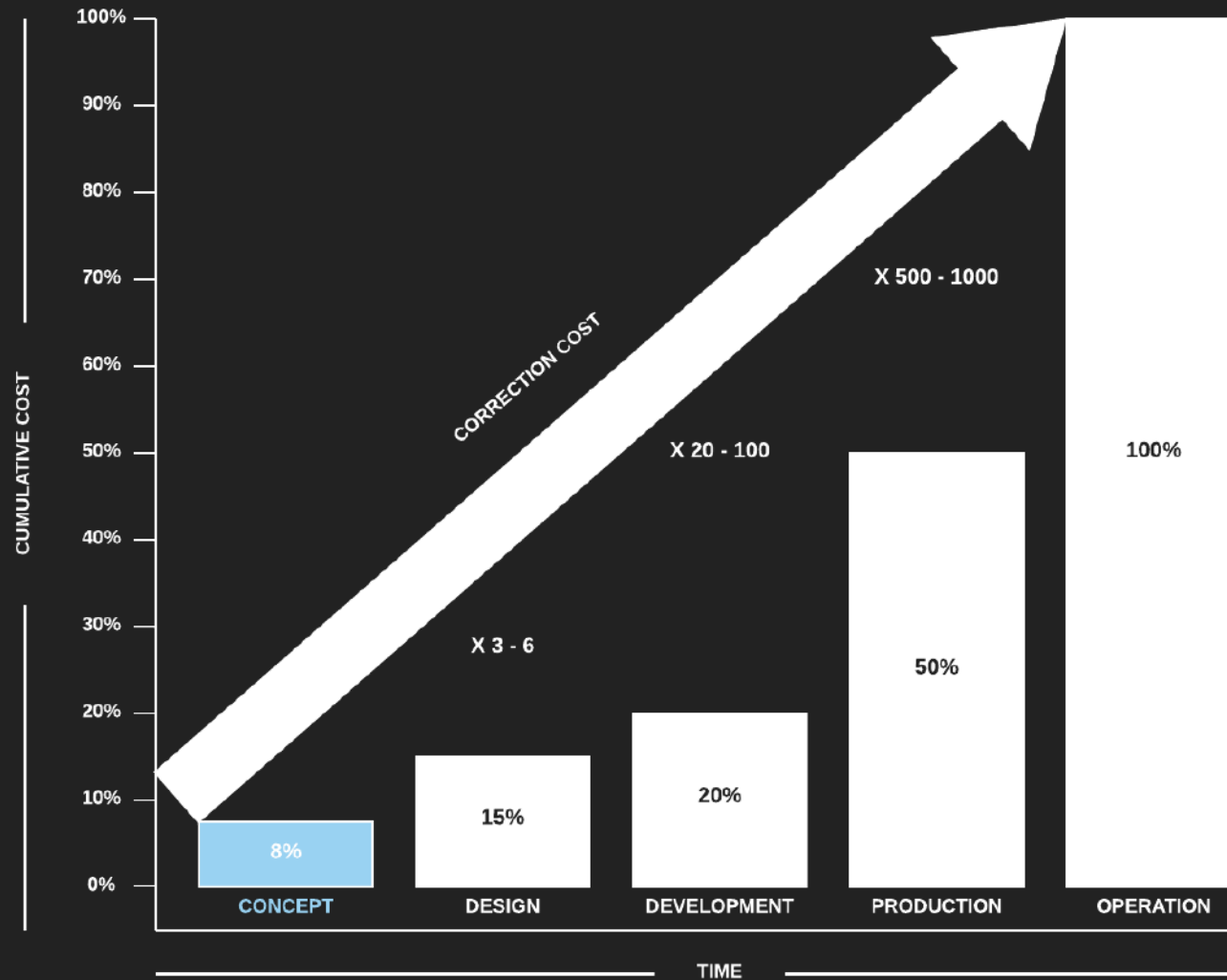
€1.5

MILLION

MILLION

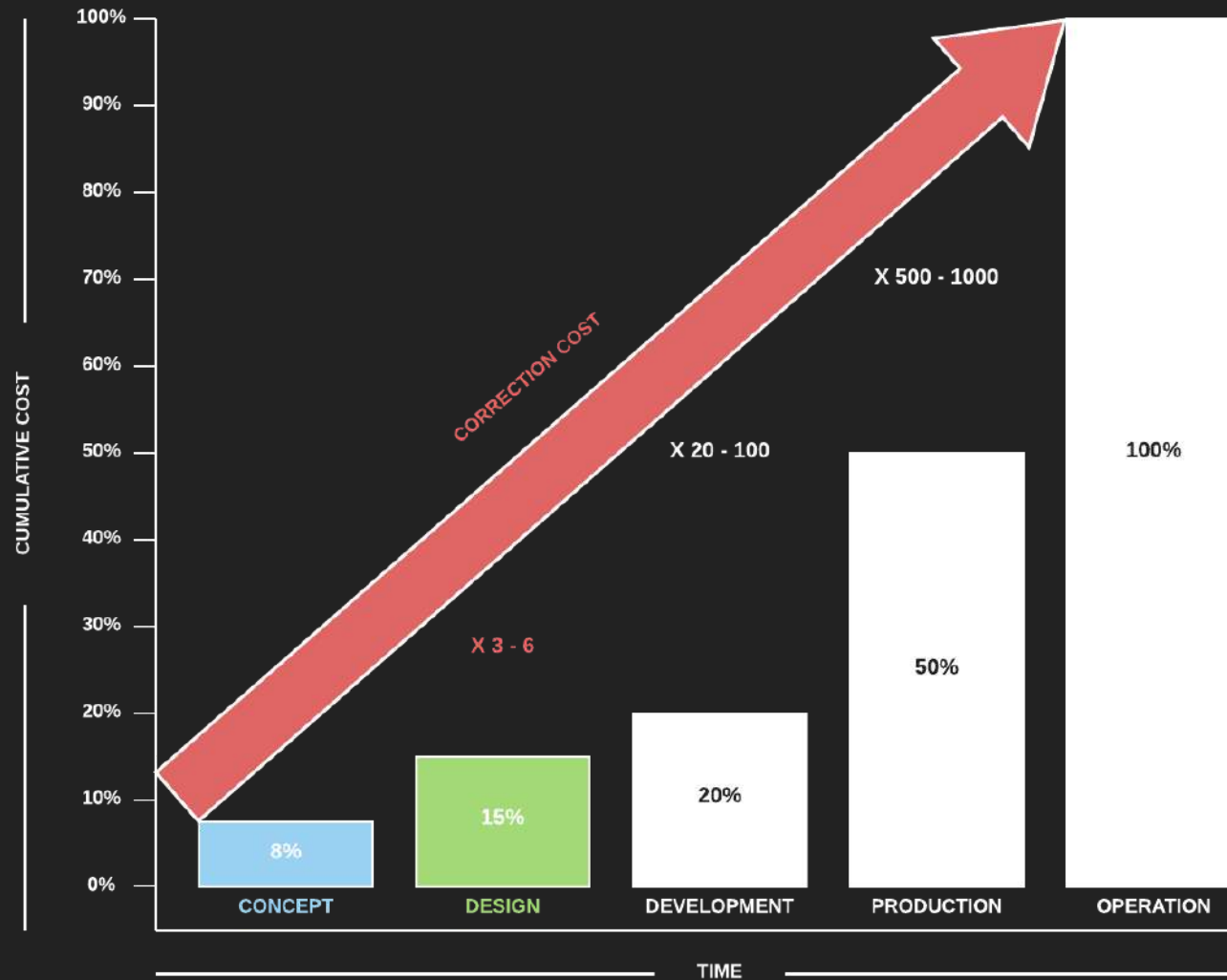
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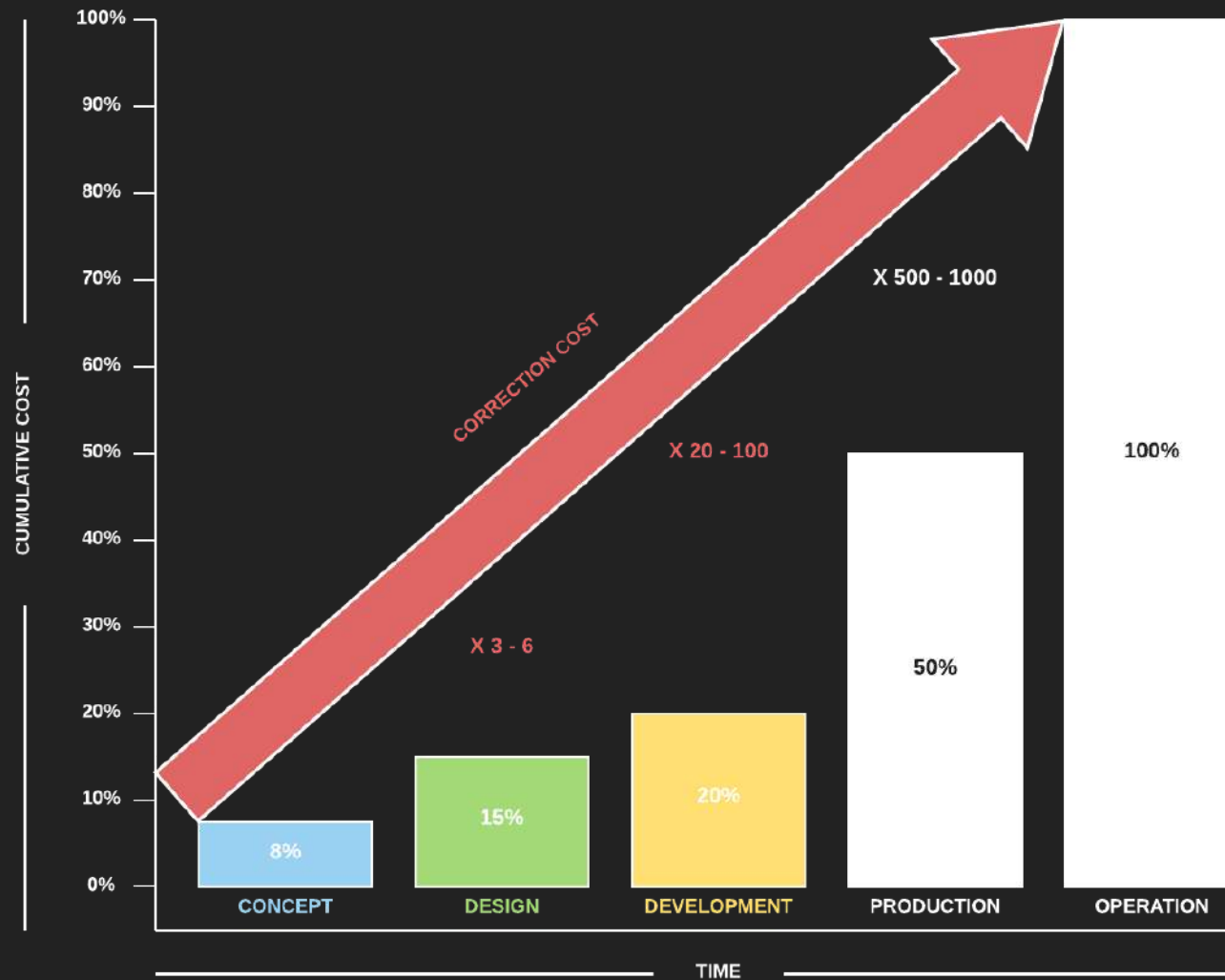
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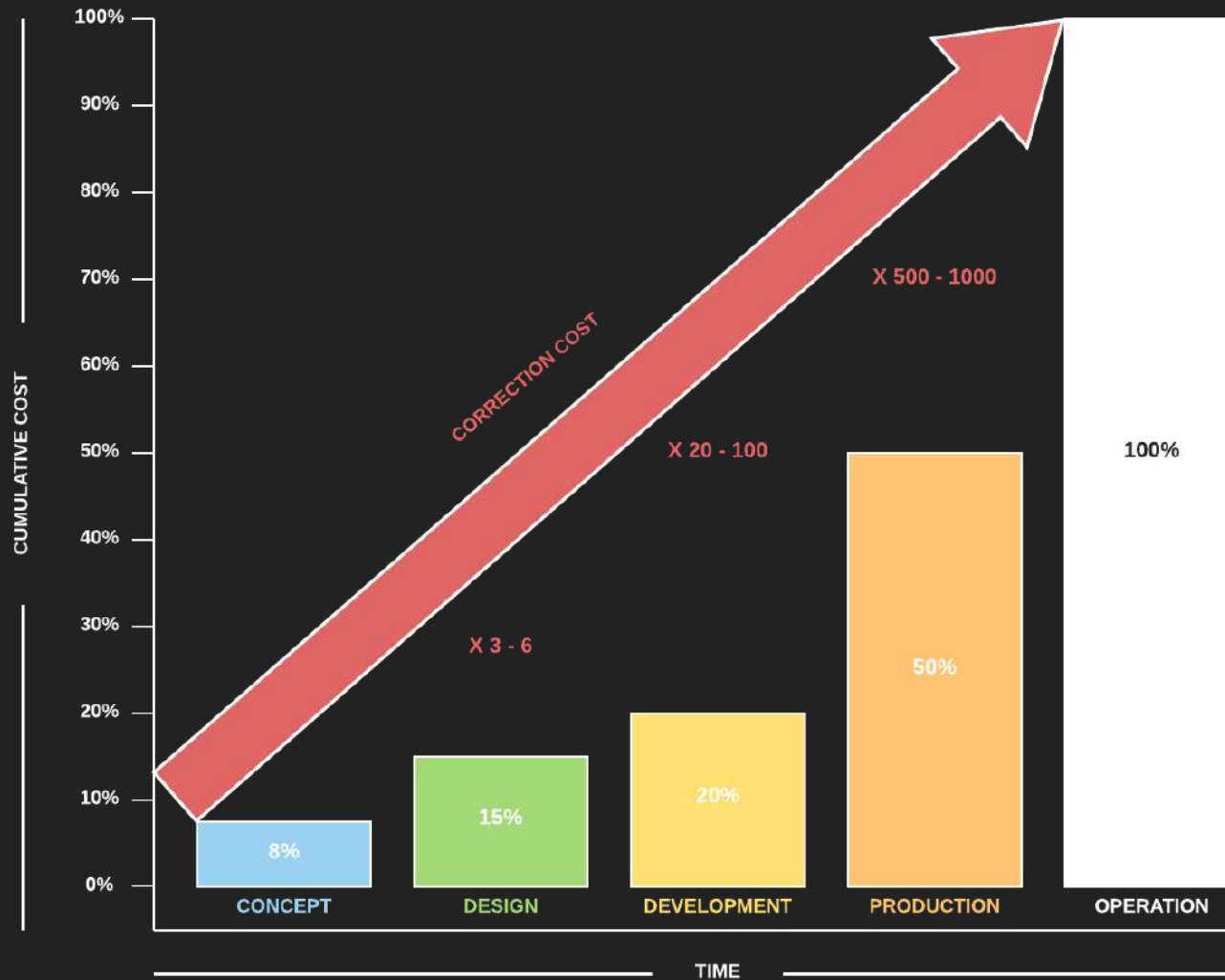
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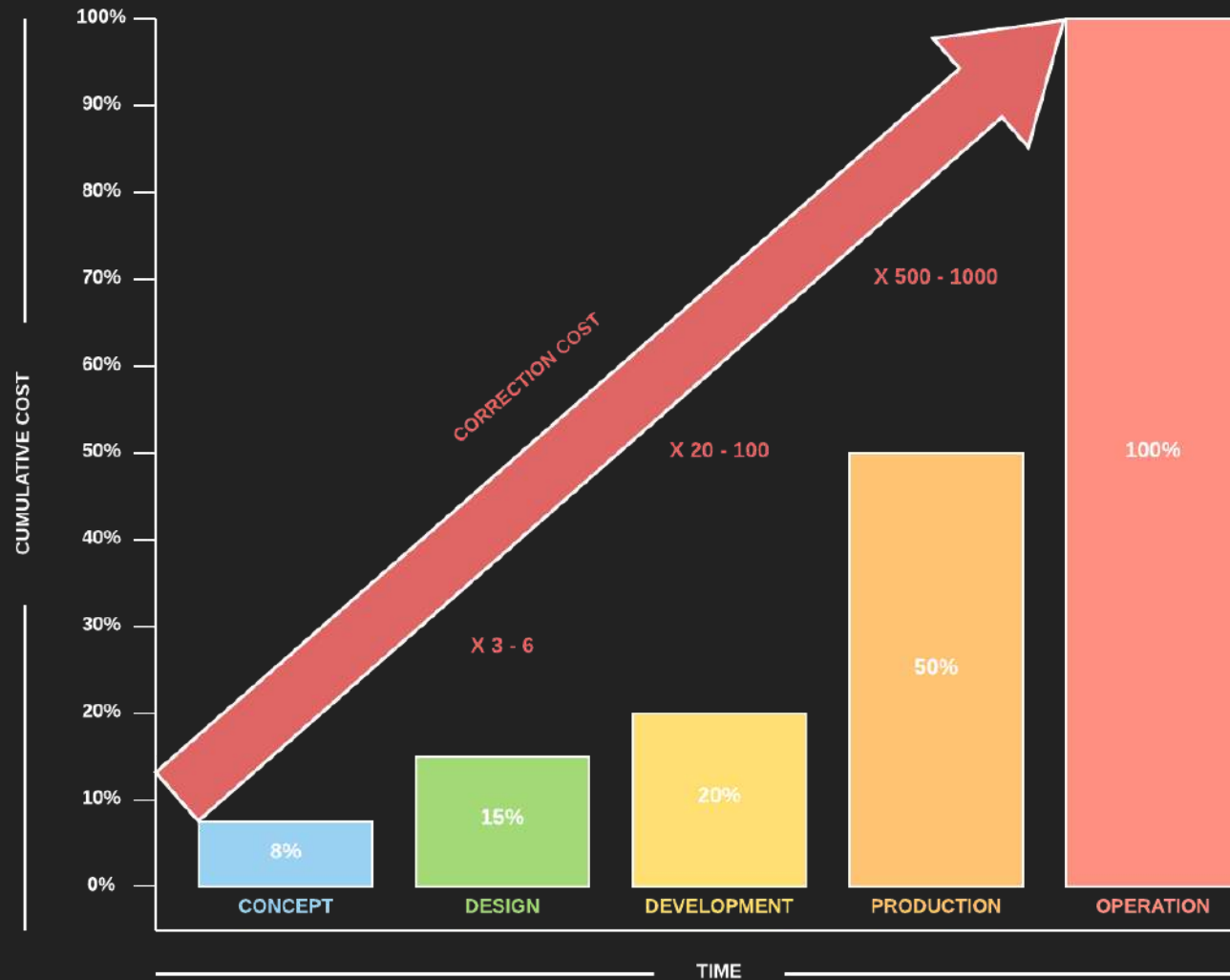
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VERIFICATION

...

TRACEABILITY



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CORRECTNESS 

COMPLETENESS 

CONSISTENCY 

QUALITY METRICS

HOW TO IMPROVE QUALITY?

E NSURING NEEDS FULFILLED AS EXPECTED



C OMPRISE ALL COMPONENTS/STAGES/
NEEDS/... REQUIRED



A VOID CONFLICT OR REDUNDANCY



BASIC TIPS

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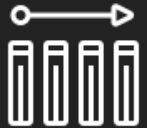
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COMMON SENSE



PATTERNS

HOW TO IMPROVE QUALITY?

WHEN



[CONDITION]

WHEN THE TEMPERATURE WARRIOR DETECTS
AN OBJECT IN FRONT..."

PATTERNS

HOW TO IMPROVE QUALITY?

<SUBJECT>



SHALL

"...THE BREAK SYSTEM SHALL..."

PATTERNS

HOW TO IMPROVE QUALITY?

<ACTION>



<OBJECT>

"...**STOP** THE ACCELERATION ENGINE..."

PATTERNS

HOW TO IMPROVE QUALITY?

[CONSTRAINT]

"...IN LESS THAN 20 MS."

PATTERNS

HOW TO IMPROVE QUALITY?

**WHEN + CONDITION + <SUBJECT> + SHALL + ACTION
+ SUBJECT + [CONSTRAINT]**

**"WHEN THE GAS PEDAL IS PRESSED, THE CAR SHALL
REACH 100 KM/H IN LESS THAN 5 S."**

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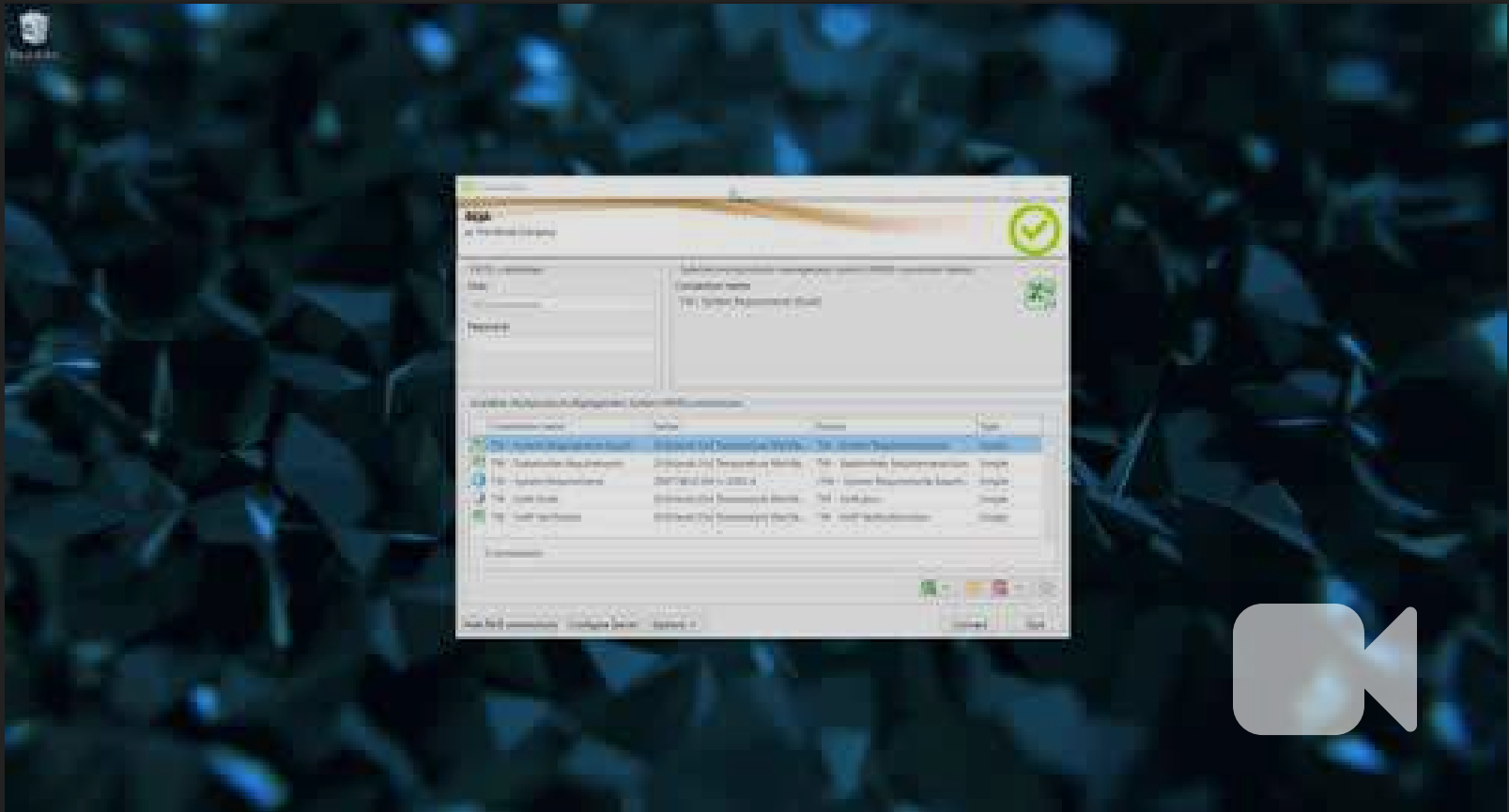
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DIGITAL SOLUTIONS RQA & RAT



Q&A



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COMING UP...

**OPTIMIZATION OF THE REQUIREMENTS
ENGINEERING PROCESS & TECHNIQUES
USING THE SE SUITE**

JUNE 15, 2021

JUNE 16, 2021

DON'T MISS IT!



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THANK YOU FOR YOUR

TIME AND ATTENTION



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