

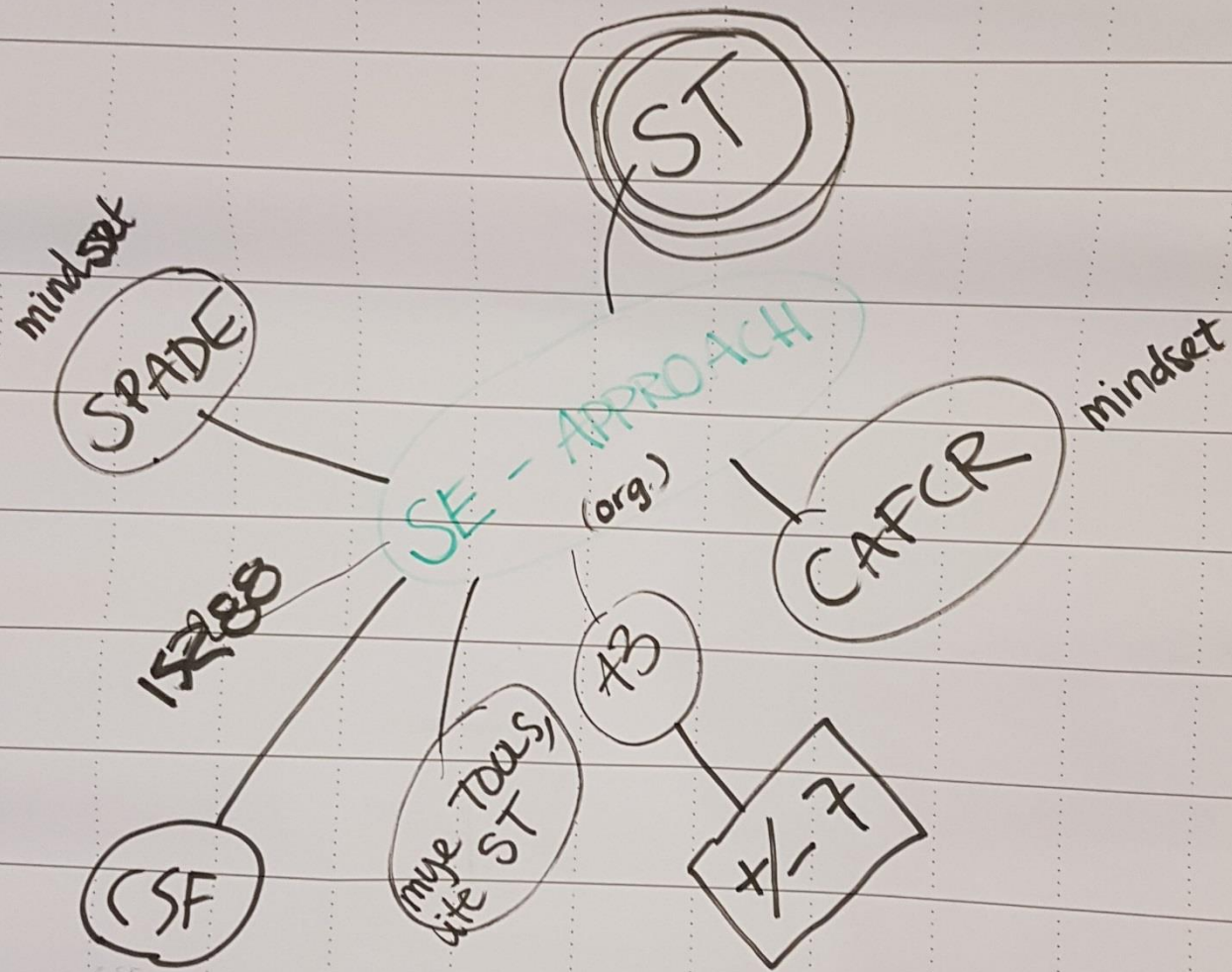
Break out session SESG February 2017

Proposition:

- An organization needs a systems engineering approach that fits (organization, domain, market, system, ...)

Break out questions:

1. What approach fits your organization? Why?
2. How can you bootstrap a transition to that approach?



COMMITMENT
LCM
TIME/PATIENCE
CULTURE

1) What approach fits your organization? Why?

Identify authority.
Who runs the process.

Project ownership
+
overview

SE that gets
Customer
Buy in
(Problem owner ~~vs~~ Solution owner)

Tender & FEED
phase
increase knowledge
and SE tasks
to ease project execution

Change agent
↳ Active

2) How can you bootstrap a transition to that approach?

Start small,
think big

Just do it!
→ A3
→ SE ++
Convince the top!

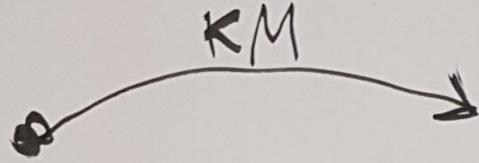
System Engineering
Requirements
are different to Project?

Implement in
R&D projects
as a start.

What approach fits your org. & why?

Traditional SE
• "military"

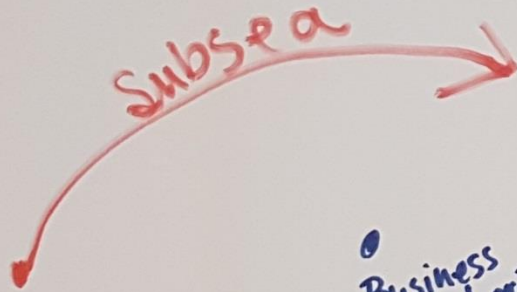
Infrastructure oriented



Agile
• "SW"
• Early validation



• "No formal SE"



• Business Model oriented

Important factors

risk

value

speed

common perspective

size

SE
KM
PM
AI well