

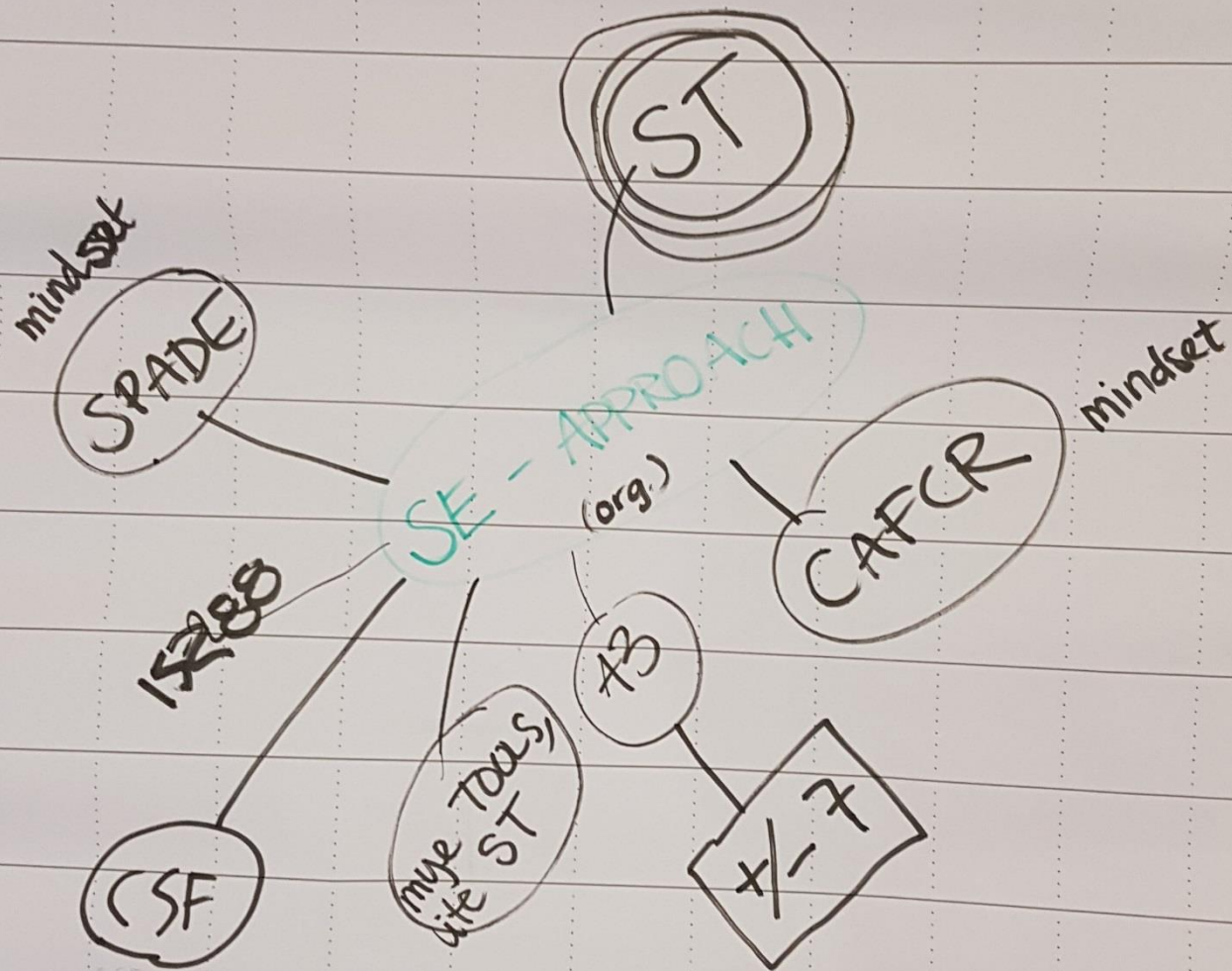
Break out session SESG February 2017

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?

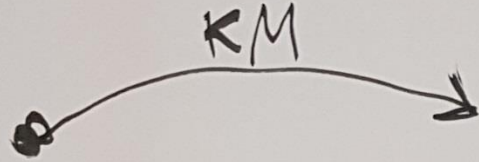
Implement in

R&D projects as a start.

What approach fits your org. & why?

Traditional SE
• "military"

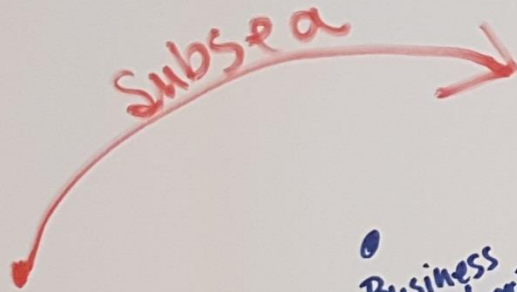
Infrastructure oriented



Agile
• "SW"
• Early validation



• "No formal SE"



• Business Model oriented

Important factors

risk

value

speed

common perspective

size

SE
KM
PM
AI well