What happens when you break all the rules?
http://love.statoil.com

Started in April, completed by August
Speed matters most
Functionality over time

Functionality

Time
Rules costs
Rules ≠ Laws
Coordination costs
SM204 - Authorise and deploy service

1. Release Manager
   - Prepare release for CAB meeting
   - Set up acceptance criteria for rollout
   - Remove relevant RFC from release
   - Authorise release

2. CAB / Approvers
   - Release acceptable?
     - Yes: Deploy service
       - Service deployed
     - No: Role as ready for authorisation

3. Deployment Handler
Cost of coordination

Coordination/Progress vs. Actors

- **Coordination need** ≈ \( \text{Actors}^2 \)
- **Progress** ≈ \( \frac{1}{\text{Actors}^2} \)
Actors = 1

Custom code

Platform

Development Team

Platform

DB Server

App Server

Web Server

Custom
Actors = 4

Custom

Platform

DB Server

App Server

Web Server

Group 1

Group 2

Group 3

Development Team

Platform
Lack of skills costs
Dreyfus model of skills acquisition

Knowledge

Novice

Advanced Novice

Competent

Proficient

Expert

Creativity
Skills and productivity

Number of persons

Novice 10x Competent 10x Expert
Actors = 6

Team 1

Team 2

Team 3

Custom code

Custom code

Custom code

Platform

Custom

DB Server

App Server

Web Server

Group 1

Group 2

Group 3

Project

Platform

Statoil
Speed matters most
Adhere to the right rules
Minimize the number of actors
Utilize team skills
Thank you

Harald Wesenberg (@hwes)

Jørn Ølmheim (@joelmheim)

hwes@statoil.com/joe@statoil.com
Use your options and get results