

"Extreme Ownership: The Principles of Effective Leadership"





AGENDA



- Definition and Principles
- Examples
- Obstacles
- Engineering Teamwork Context

what Extreme ownership and teams what to leaders and teams means to leaders





Christer Lundh

Senior Leader on "Keep it Simple" Mission
Owner and Consultant AUFERO AB
Work embedded, servant and transformational, helping leaders and teams to succeed with Agile and Lean Product Development.

Lean and Agile Product Development



Internal Combustion Engines



Gear shifters



Power Electronics



Electric Motors



IoT Sensor





The attribute of exceptional leaders. They take absolute ownership

Extreme Ownership –

not just of what are their responsibilities, but for everything that impacts their mission.



"No Bad Teams, Only Bad Leaders"











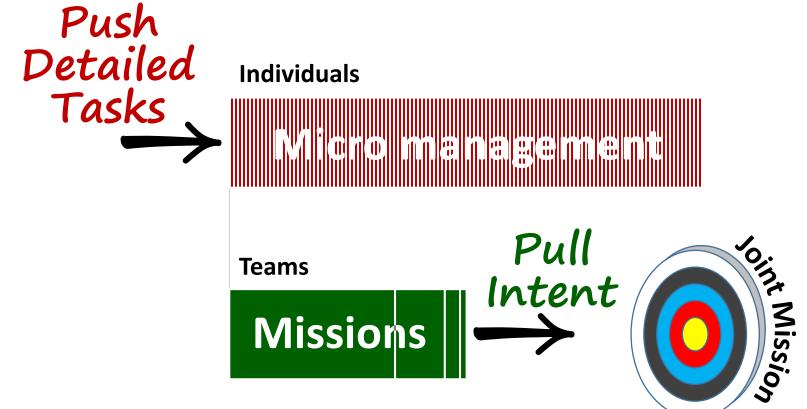
Tell people **WHY** and give people VISION!



Build and Lead Teams - Collaboration Has Explosive Upsides



command



Missions Tactions Missions

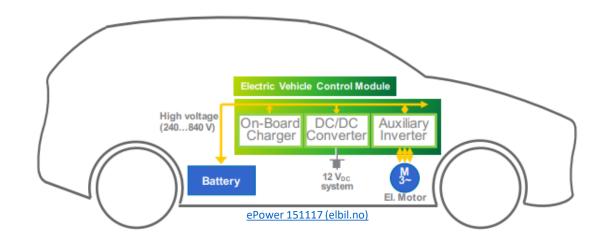


Simplicity – Intent



"To develop a platform of On-Board Chargers; Reliant,

Easy to Install and
within Unit Cost Target."

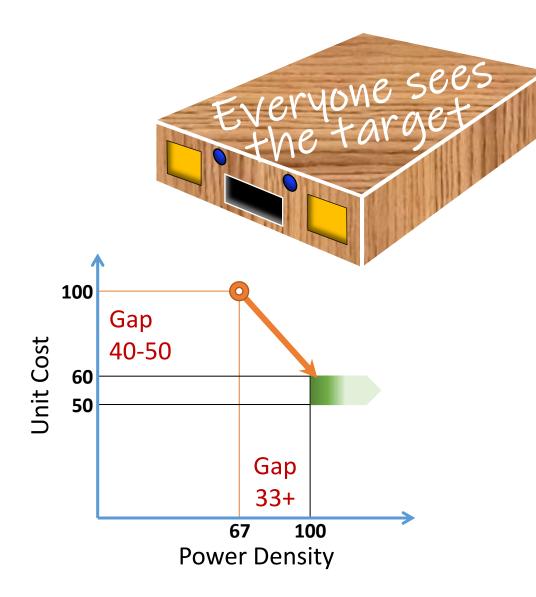






Understand – Teamwork – Decentralized Command





Reliable

Eliminate risk of coolant water leakage

Easy to Install

- Power density 67 → 100+ Gap 33+ (size)
- To fit all interface connections on a short side

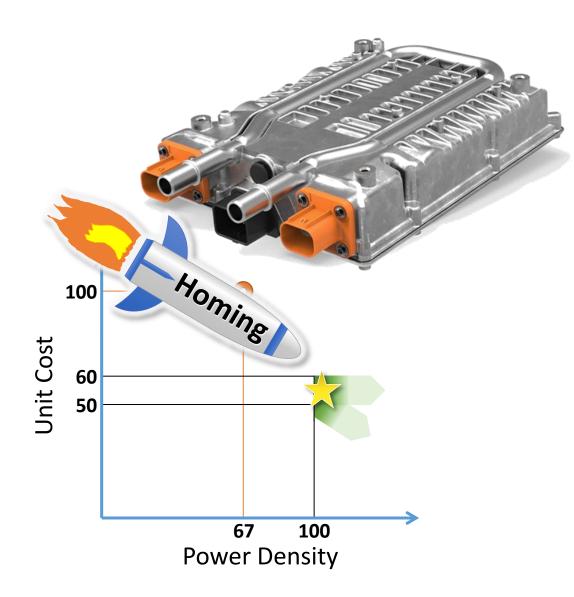
Unit Cost Target Range

▶ Unit cost $100 \rightarrow 60-50$ **Gap 40-50**



Believe – Prioritize & Execute





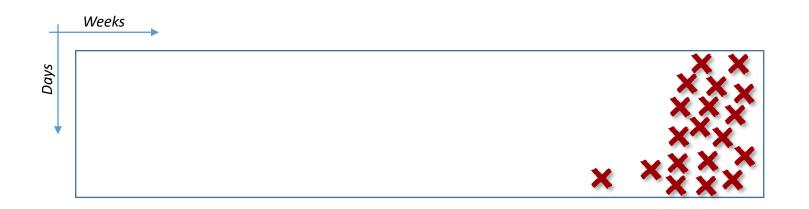
- The worlds smallest (kW/dm³)!
- All interface connections on the short side!
- Eliminated risk of coolant water leakage!
- Multiple sets / options inside the target range of the unit cost!

"The empowered team delivered on the intent through a massive number of initiatives at high speed"



Ownership for Mistakes & Failures

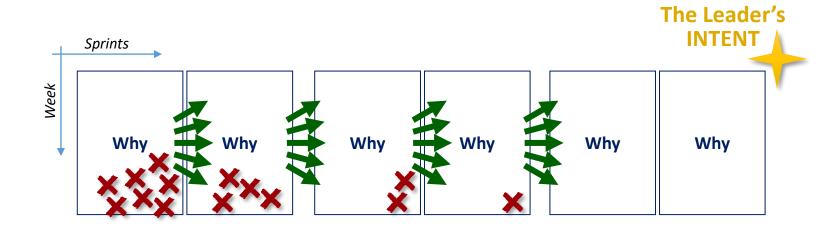




Shattered work.

The errors pile up at the right end.



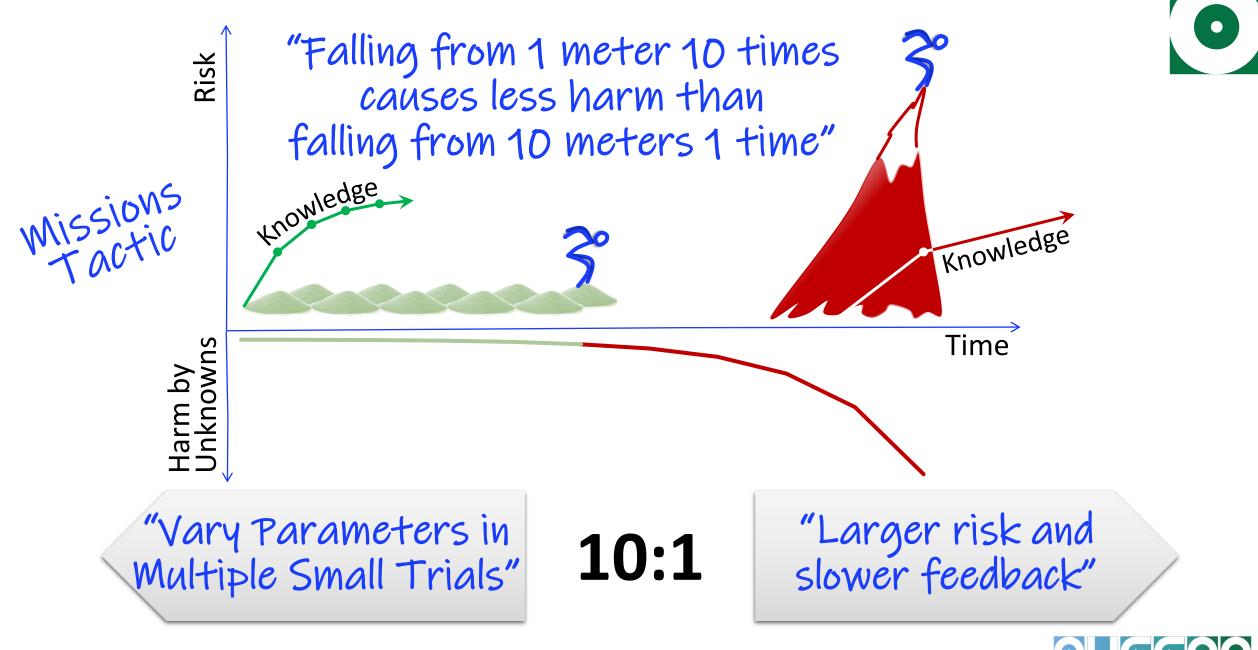


Finished missions.

Creating options as outcomes.

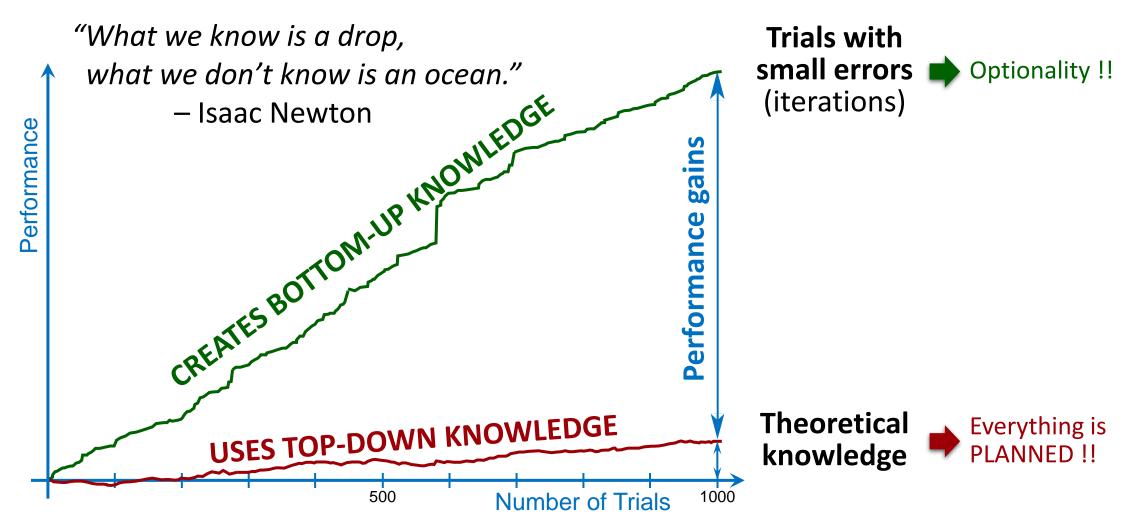






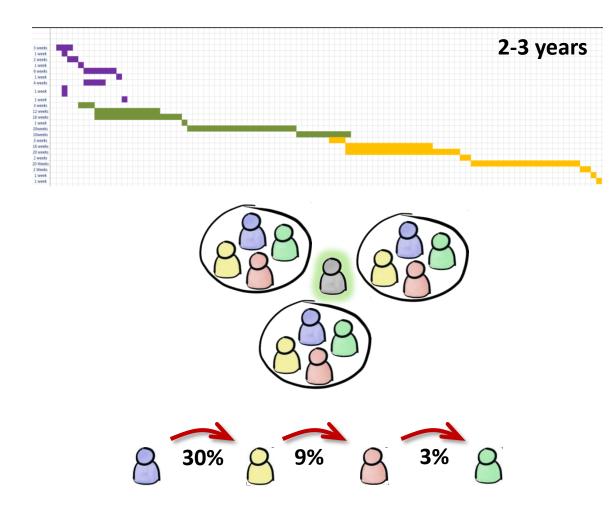
'Trials with Small Errors' Outperforms 'Theoretical Knowledge'





Develop Solutions & Solve Problems



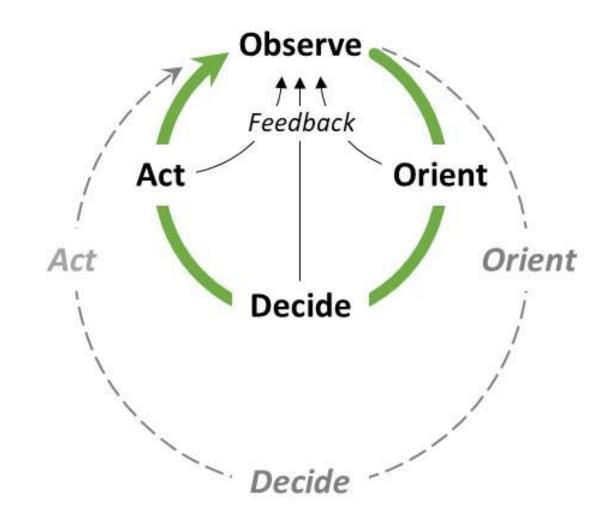


- Multiple year project budgets (Finance rule):
 - Head count >> Customer collaboration
 - Decision cramp
 - Arbitrary objectives
- Absence of mutual trust (fear culture).
- Leaders to act as the trainers for their teams, since teams constantly learn by doing On the Job Training (OJT). Small errors are sources for improvements.
- Distance, absence of direct communication, between customers and designers.



Decision Making (OODA-Loop Maneuvering)

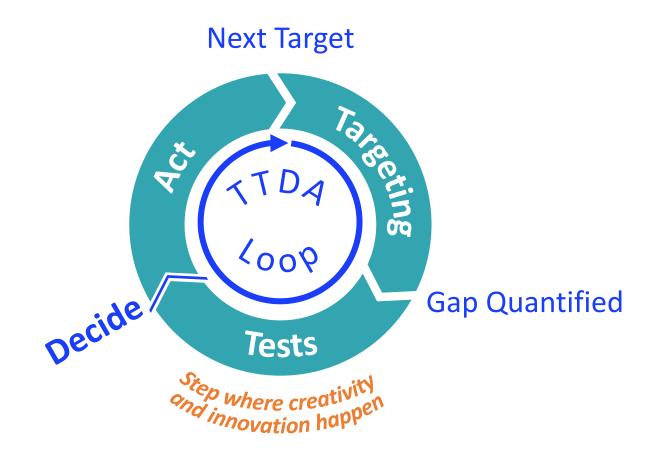






Team's Problem Solving 'Loop' - Repeated Infinitely

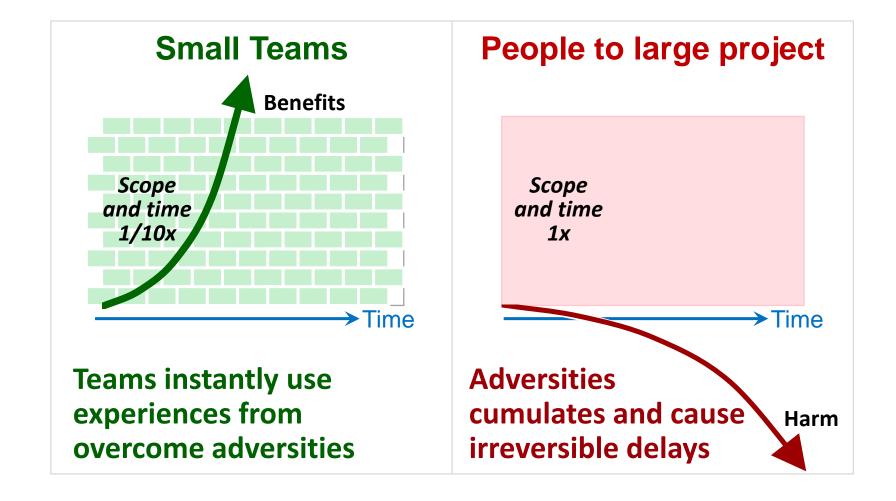




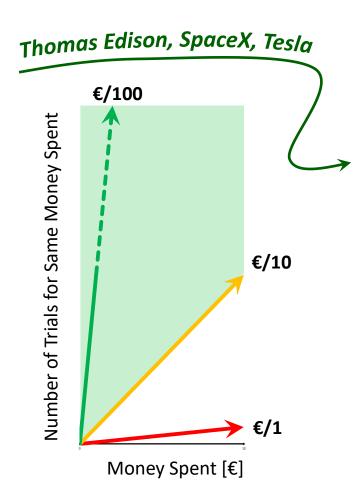


It's Not What You Preach, It's What You Tolerate









What Do the Innovators with the Highest PACE OF INNOVATION Have in Common?



✓ Exceptional Leadership – EXTREME OWNERSHIP

Radically improved PAYOFF FUNCTION for testing, experimenting and learning, also on hardware (€/10+)

FEEDBACK CYCLES of just hours or days (€/100+)

✓ Benefits, creating OPTIONS from TRIALS WITH SMALL ERRORS





"You Can Be That Extreme Ownership Leader"





Thank You

