



# Where venture meets adventure

Clara is a venture platform backed by Aker where great minds are given the resources they need to make their visions for the future a reality

Clara

# STORY BEHIND CLARA VENTURE LABS

cmr Prototech



## Clara



**Odd Dahl**  
Researcher  
Inventor  
Adventurer

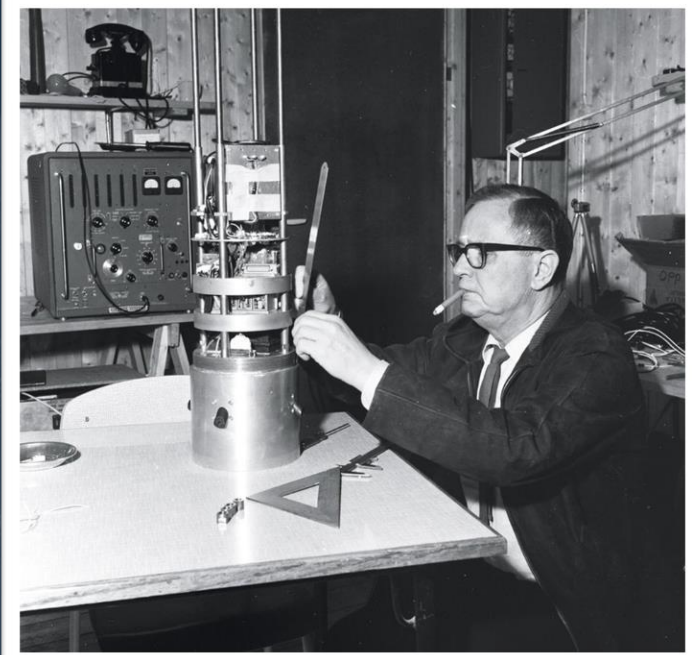


**Clara**  
Leading lady  
The Nutcracker  
Adventurer

CLARA FOLLOWS IN THE  
FOOTSTEPS OF RESEARCHERS  
AND ADVENTURERS



# From Space...





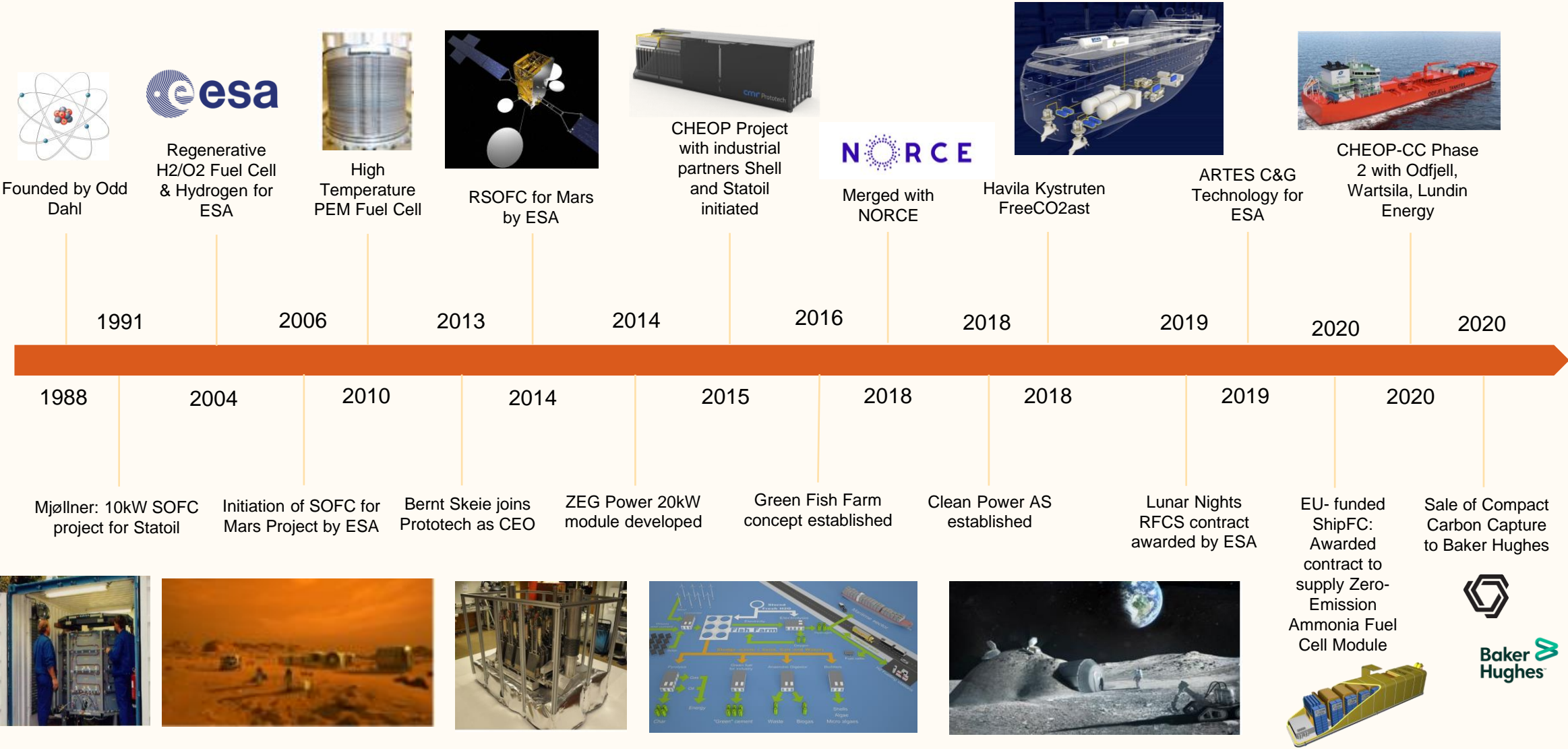
A person in a white spacesuit is walking on a sandy surface in front of a massive, layered red rock wall. The person is small in comparison to the wall, emphasizing the scale of the environment. The text "Following Odd's footsteps into new adventures" is overlaid in white on the red rock background.

# Following Odd's footsteps into new adventures

Clara



# 30+ years of R&D activities



# INNOVATION IS AT THE CORE OF AKER'S DNA

AKER

A TRACK  
RECORD OF  
INNOVATION  
ACROSS  
NORWEGIAN  
INDUSTRIES



1873

Hydropower

First hydroelectric  
turbine delivered



1961

Shipping

First LPG gas  
transportation  
delivered



2010

Oil and Gas

World's first subsea  
gas compression  
system

180 year history in building industrial frontrunners in new technology frontiers

Clara

# AND CLARA WILL BE AKER'S VEHICLE TO SYSTEMATICALLY REINVENT NEW INDUSTRIES



2021

## Carbon Capture

World's first carbon  
capture plant for  
cement industry



2021+

## Clara

Aker's venture platform  
for building next  
generation technology  
companies

CLARA WILL  
BUILD AKER'S  
TECHNOLOGY  
LEADERS OF  
THE FUTURE

180 year history in building industrial frontrunners in new technology frontiers

# Clara



#### MISSION

Clara's mission is to build companies through **breakthrough innovations** in industrial technology and materials

#### AMBITION

Our ambition is to create an exceptional environment where curious and entrepreneurial individuals can **unleash their full potential**

#### PURPOSE

Create a globally leading portfolio of the **next generation of leading industrial companies** built on deep technical innovations

Where venture meets adventure

# Clara



# FOCUS ON THE KEY TRENDS OF THE 21<sup>ST</sup> CENTURY



## CLEAN ENERGY

The rewiring of energy value chains driven by regulatory push will require an acceleration in energy technology innovation



Advanced materials, clean energy systems and circular economy



## RESOURCE SCARCITY

Increasing urbanization and aging populations will drive resource scarcity and innovation across society to meet our daily needs



Advanced materials and resource scarcity



## SPACE 2.0

Commercialisation of space exploration and off-planet manufacturing set to drive a new phase in innovation in space-related technologies



Advanced materials and new space



## BIOCHEMISTRY

The reinvention of biochemistry and biological value chains will reimagine the way we meet the demands of our species today



Advanced materials and biochemistry

# COMBINATION OF CLARA DOMAIN EXPERTISE AND AKER'S REAL LAB DIFFICULT TO REPLICATE

Clara innovation lab with 30+ years of research and development



Aker's track-record of building leading edge companies and leveraging in-group partnerships

## *Ventures by Aker last few years*



AKER  
CARBON  
CAPTURE



AKER  
CLEAN  
HYDROGEN



AKER  
OFFSHORE  
WIND



COGNITE



AKER BIOMARINE



abelee



seetee

AkerSolutions™

SUPERNODE™

AkerBP

RECSILICON



MAINSTREAM  
RENEWABLE  
POWER



RAINPOWER

Partners to  
create  
market pull  
for early  
technology  
adoption

# Clara

# SYSTEMATIC APPROACH TO LAUNCH NEW VENTURES



**Explore:** Thematic and systematic approach to selecting technologies to explore further



**Verify:** Rapid iteration of lab testing to quickly assess feasibility of technologies



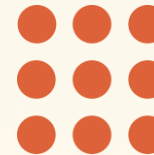
**Launch:** Scaling of portfolio technologies by utilizing the full force of Aker group of companies and competence



**Grow:** Build on core Aker competence to access public/external capital to scale once technology-market fit proven

A systematic and repeatable approach to innovation

*Rapidly moving technologies through the innovation funnel creates deep opportunity set for Clara*

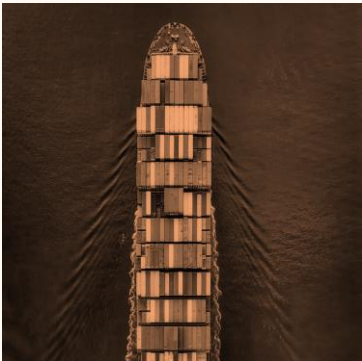


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# FIRST WAVE OF CLARA VENTURES

## Scaling and shaping technologies into ventures



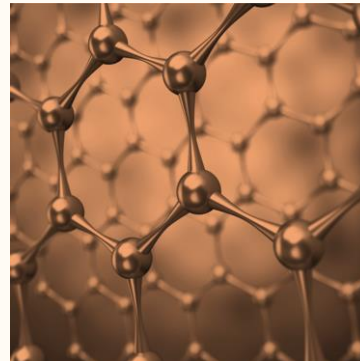
### ALMA

ALMA is a provider of zero emission energy solutions for maritime and offshore sectors, based on high-temperature fuel cell technology



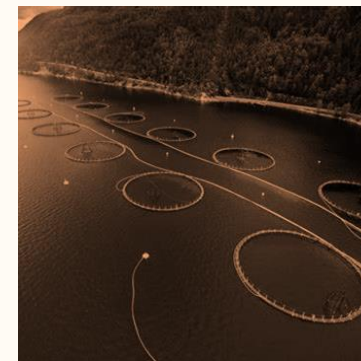
### ADDITECH

Additech is an additive manufacturing services company, offering end-to-end solutions to its customers, with expertise in design engineering and with in-house quality printing facilities



### LAYERONE

LayerOne aims to push the boundaries of materials by utilising its proprietary scalable technology to deliver high-quality graphene oxide that changes the way we use materials every day



### MAP-G

MAP-G is an early-stage technology for using waste to produce solid residue that can be used as fertilizer and wet bio-syngas, which can be cleaned and used in fuel cells for production of heat and electricity



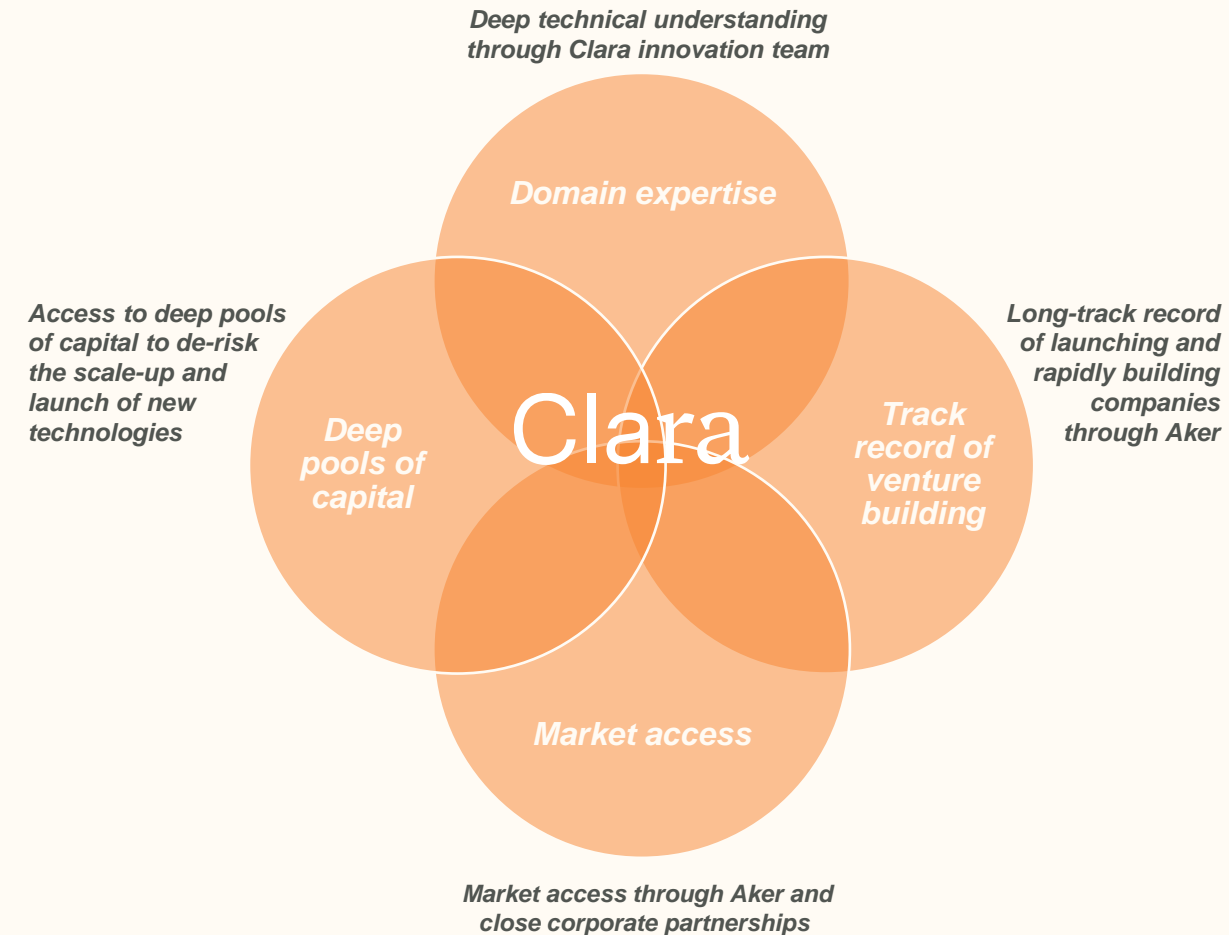
### RFCS

Regenerative Fuel Cell Solutions (RFCS) is an energy storage solution, outperforming batteries for applications with requirement for storage more than 12-18 hours or large volumes

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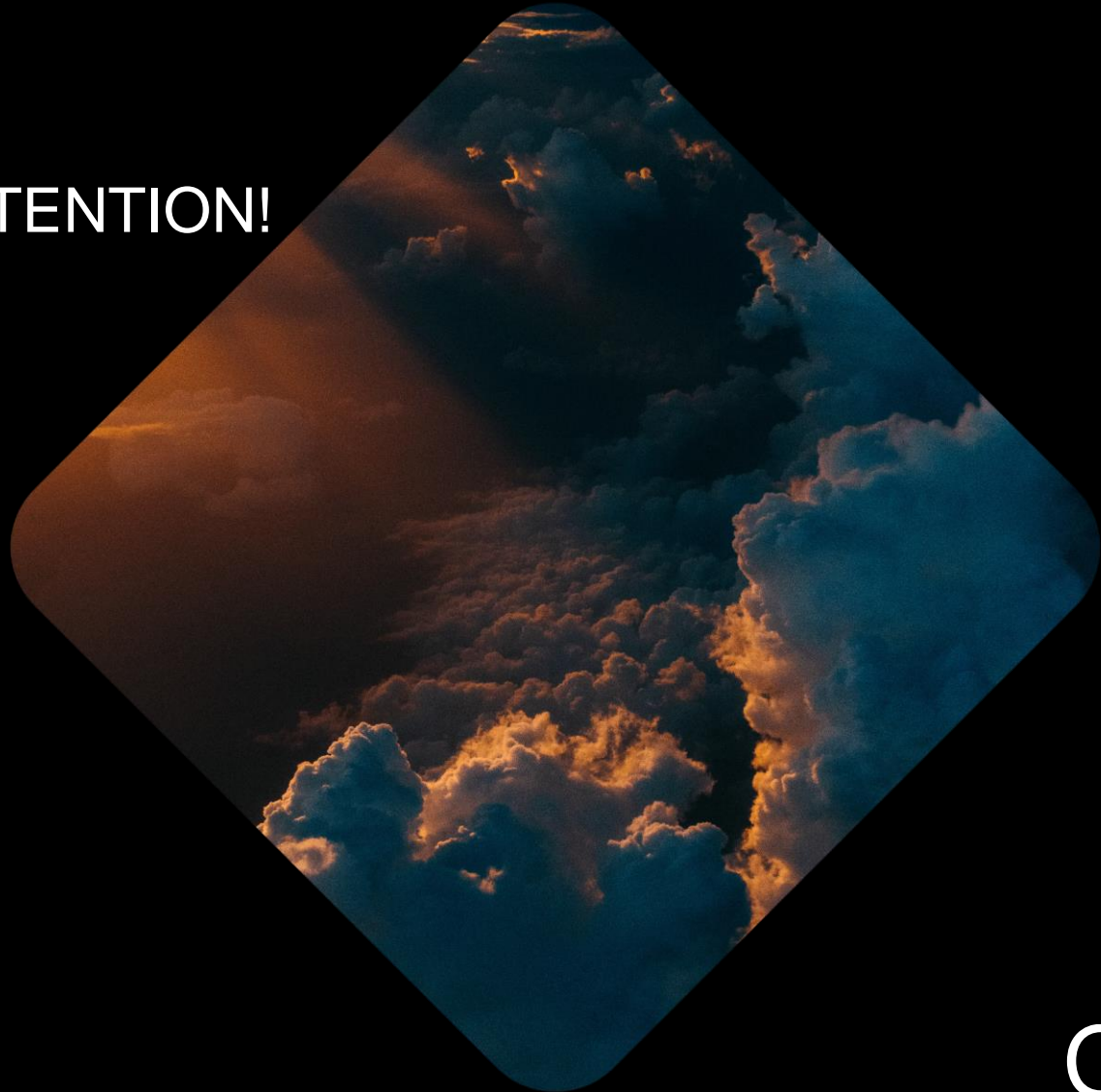
# Clara

# CLARA IS UNIQUELY POSITIONED TO ADDRESS INDUSTRIAL-TECH INNOVATION



THANK YOU FOR YOUR ATTENTION!

Bernt Skeie,  
Clara Venture Labs



Clara