



Velkommen til
TEKNOLOGIHOVEDSTADEN TRONDHEIM

Vi er med på erobringen
av havrommet

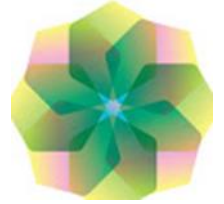
MARINTEK

Norsk Maritimtørløst Forskningsinstitutt

NTNU

Institutt for marin teknikk

La oss gjøre dette sammen



Ambition of the initiative

NTNU aims to take a leading role in establishing a technology forum to position Norway as a leading nation on technology development where we have competitive strengths in addressing global challenges

Vision

Global North Technology Forum

A world class meeting arena for researchers, businesses and policy makers to form the global technology future based on academic excellence and industrial strengths

Impellundersøkelsen

550

10.000

14.000.000.000

1000.000.000

Målsetting

NiTr -Trondheimsregionen -Trondheim Kommune

500

10.000

1000.000.000 +

DIGS – Work-Work – NTNU Accel – LEN – StartupYou – Connect Trøndelag –
Innovasjonssenter Gløshaugen – Atlier Ilsvika – Stift Bedrift – NTNU Discovery –
NTNU TTO – NTNU Entreprenørskolen – NORSI – Start NTNU – UTprosjektet -
UTkubatoren – NxtMedia – Trondheim Makers – TrondheimTech.no –
ZedgePodcasteria – TheTechList – Trondheimtechguide.no – Start Hist – Start BI –
SINTEF TTO – Investinor – Proventure – Midt Norsk Innovasjonsnettverk –
Dataforeningen - StartupWeekend – Show the problem workshop – Technoport
Conference – NxtMedia Conference – Trondheim Maker Faire – Innovation
Breakfast – Jabb – MeetUps – Tech Show the problem – Technoport
Innovation Breakfast – Tech Hugs and Roll – SINTEF Venture – AMOS (SFI) –
AquaArena – NCEI – CeSOS (SFF) – IO Center (SFI) – SIMLab (SFI) – NORMANN (SFI)
– SAMCOT (SFI) – BIGCCS (FME) – CENBio (FME) – CEDREN (FME) – NOWITECH
(FME) – ZEB (FME) - SUBPRO (SFI) – CASA (SFI) – Klima2050 (SFI) – EXPOSED (SFI) –
Kunnskapspark1 – The Live crowdfunding experience – NTNU Livinglab – Troll Labs
– NTNU Bridge – Lerchendalkonferansen – Fix Makerspace – Spillbar – Cofounder –
Spark – AppLab – Take Off – Venture cup – IPIN – Designhjelpen - Studio Beta –
Ungt entreprenørskap – LærKidsaKoding – Adolf Øiens Fond – Startstøtte ... OSV..

Teknologihovedstaden Trondheim

«City of World Tech Forum»

STORIES FROM TRONDHEIM

Facts:

- 38.000 students
- 4.300 employed in education and research and outreach positions , total employees 6.700



NTNU – Trondheim
Norwegian University of
Science and Technology

«Knowledge for a better world»



SINTEF - the largest independent research organisation in Scandinavia

«Technology for a better society»

STORIES FROM TRONDHEIM

2100 employees from 70 countries

Annual sales of NOK 3,2 billion (EUR 400 mill) – customers in more than 60 countries



STORIES FROM TRONDHEIM

Medicine

- The brain researchers May-Britt and Edvard I. Moser were awarded the Nobel prize in Physiology and Medicine together with John O'Keefe of University College London in 2014



STORIES FROM TRONDHEIM

GSM communication technology

- Invented by the scientists Torleif Maseng and Odd Trandem from Sintef/NTNU



STORIES FROM TRONDHEIM

Dynamic positioning

- Enables vessels to stay in place with pinpoint precision
- Professor Jens Glad Balchen at NTNU was the first to begin research on dynamic positioning in the 1970s.
- Commercialized together with Kongberg – «Albatross»



STORIES FROM TRONDHEIM

Search technology

- Developed by Professor Arne Halaas in 1997
- The world-famous search engine company FAST Search & Transfer originated in the information technology environment at NTNU. The Norwegian newcomer became so interesting to the market that Google and Yahoo established their own development centres in Trondheim



STORIES FROM TRONDHEIM

Ultrasound

- Developed by Professor Bjørn Angelsen i 1976
- NTNU is a world leading centre in ultrasound



STORIES FROM TRONDHEIM

Some other stories

Kahoot, Signicat, Atmel, Nordic Semiconductor, ARM Norway, Chipcon, Wordfeud, Nacre, Oceanor, Seatex, Corrocean, Autronica, Q Free, ResLab, ResMan, Gas Secure, Lithicon, New Index, +++

The logo for Wordfeud, featuring the letters 'W' and 'F' in white on a dark blue background, followed by the word 'Wordfeud' in white text.The logos for Chipcon and ARM. Chipcon is a blue circle with a white 'C' and the word 'Chipcon' in white. ARM is the word 'ARM' in large, blue, sans-serif capital letters.The logo for Kahoot!, featuring the word 'Kahoot!' in white, bold, sans-serif font on a purple rectangular background.The logo for Atmel, featuring the word 'Atmel' in blue, sans-serif font with a registered trademark symbol.The logo for ENERGY micro, featuring a stylized blue and grey diamond shape to the left of the word 'ENERGY' in blue, with 'micro' in a smaller, grey font below it.The logo for NORDIC SEMICONDUCTOR, featuring a stylized blue 'N' icon to the left of the word 'NORDIC' in bold, black, sans-serif font, with 'SEMICONDUCTOR' in a smaller, black font below it.The logo for SIGNICAT, featuring a stylized blue spiral icon to the left of the word 'SIGNICAT' in bold, blue, sans-serif font, with 'DIGITAL IDENTITY ON DEMAND' in a smaller, black font below it.

NIFU (Norsk institutt for studier av innovasjon, forskning og utdanning) 2013

	Buskerud	Sør Trøndelag
• % av landets samlede FoU aktivitet	• 3,5 %	15 %
• %av landets samlede FoU aktivitet i Næringslivet	• 7,5%	9,8 %
FoU Utgifter etter utøvende sektor		
• Universitet Høgskole	• 60 mill	2.767 mill
• Instituttsektoren	• 45 mill	2.249 mill
• Næringslivet	• 1.507 mill	1.973 mill
FoU aktivitet etter innbyggere		
• FoU pr innbygger i kroner	• 6.126	23.611
• Forskere pr 1000 innbyggere	• 9	46
Finansiering av forskning og innovasjon		
• Bevilgning fra forskningsrådet	• 52 mill	1.468 mill
• Bevilgning fra forskningsrådet i %	• 0,8 %	22 %
Forskningssentre etter Norges Forskningsråd		
• Sentre for fremragende forskning (SFF)	• 0	4
• Sentre for forskn,basert innovasjon (SFI)	• 0	6
• Forskn. Sentre for miljøvennlig energi (FME)	• 0	5