



Digital infrastruktur i landbruksnæringen – viktig for klima, kvalitet og leveranser!

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Våre barn vil
aldri forstå
denne
sammenhengen.



St.meld. nr. 17

(2006–2007)

Eit informasjonssamfunn for alle



“

Den teknologiske utviklinga
vil halde fram i raskt
tempo, i minst 10 år til

”

Megatrender



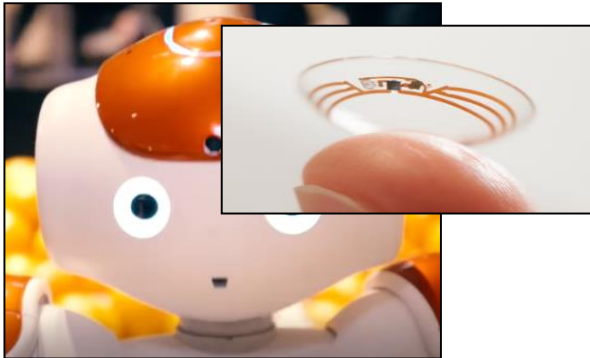
Urbanisering



Klimaendringer



Eldrebølgen



Teknologi & digitalisering



Globalisering



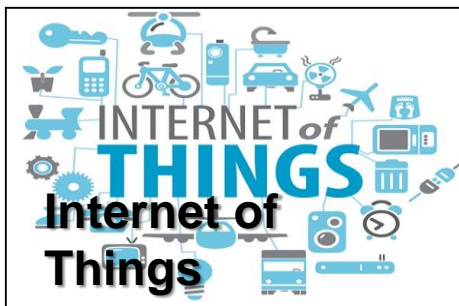
Innovasjon

Aksellererende tempo i bruk av ny teknologi





Teknologitrender - Digitalisering



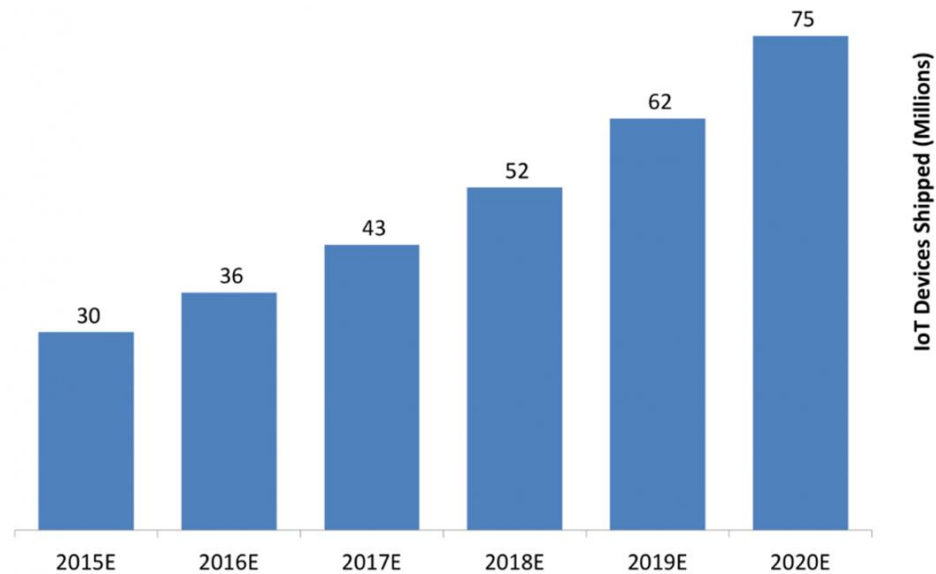
ny produksjonsteknologi + kunstig intelligens =

Den 4. industrielle revolusjon

- også i landbruket?

Estimated Agricultural IoT Device Shipments

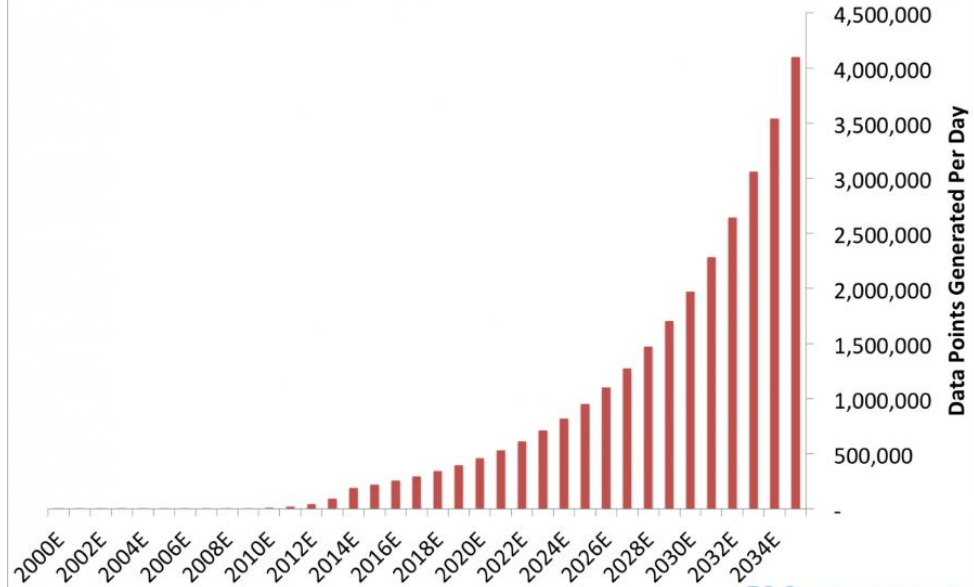
Global



Source: BI Intelligence Estimates, 2015

BI INTELLIGENCE

Estimated Amount Of Data Generated By The Average Farm Per Day



Source: OnFarm, BI Intelligence Estimates, 2015

BI INTELLIGENCE



Charity Wayua er forsker ved IBM Research Africa, her fotografert under feltarbeid. (Bilde: IBM Research)

IBM Watson skal få fart på Afrika



Potential Yield:	258.0 bu/a
vs Last Harvest	+21.8%
Potential Revenue/A	\$1,070.71
Revenue Potential	\$86,555.38

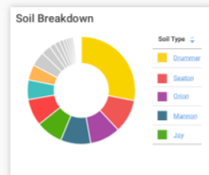
Yield Potential

Find the best seeds for your fields

Top Varieties on Drummer Soil	
Variety	Avg Yield
1. W5487 - HYFFELDR	240.1
2. P0223 - PIONEER8	239.6
3. DKCS725 - DEKALB8	235.1
4. 6434 - STONE*	232.9
5. A6489 - AGRISOLDR	225.7

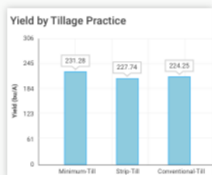
Seed by Soil Performance

Learn which seed performs best in what soil

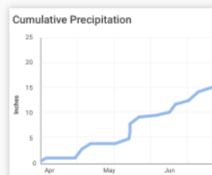


Soil Profiles

Explore soil rankings, distributions, and top-yielding seeds



Cultural Practices



Field Weather



Soil Temperature Maps

Investment Made



The Climate Corporation



Farmers Business Network



Granular



Solum

FARMERS BUSINESS NETWORK - se for population, planting
ality, tillage, and more

Track daily precipitation, temperature, and GDUs

Daily soil temperature updates for all your fields

Droner og selvgående kjøretøy

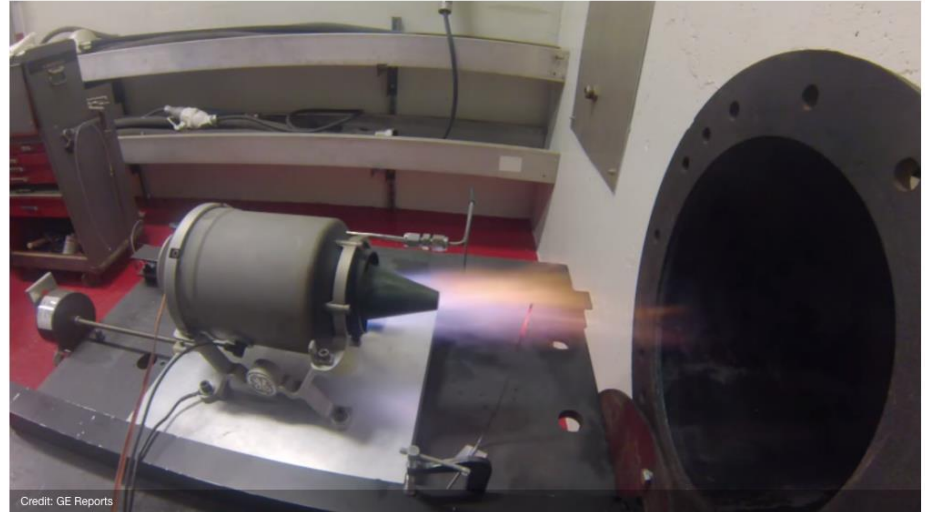


3-D print



Image source: Under Armour.

GE Engineers 3D-Printed A Working, Mini Jet Engine



Credit: GE Reports





Nørdmenn er på verdenstoppen i «robot-melk»

Det er mye nærkontakt mellom mennesker og dyr på Thonerud gård, også etter at de fikk installert en robot som tar seg av all melkingen. Her Kristin Thonerud med to av sine produktive melkekyr. Selv om alle har hvert sitt nummer har de også navn som Farabiba, Gulros, Fatima og Litago.

Yaras N-Sensor kan lese av plantenes behov for næringsstoffer på begge sider av traktoren. Deretter gis gjødselssprederen i sanntid beskjed om hvor mye gjødsel som skal tilsettes. (Bilde: Yara)





Actility

Our Technology

Products



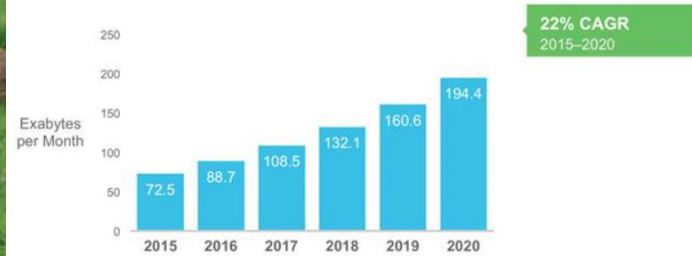
Solution

Agriculture





Figure 1. Cisco VNI Forecasts 194 EB per Month of IP Traffic by 2020



Source: Cisco VNI Global IP Traffic Forecast, 2015–2020

Norway

Rank
(out of 139) Value
(1-7)

Networked Readiness Index..... 4.. 5.8

Networked Readiness Index 2015 (out of 143).....	5	5.8
Networked Readiness Index 2014 (out of 148).....	5	5.7
Networked Readiness Index 2013 (out of 144).....	5	5.7

A. Environment subindex..... 6..... 5.5

1st pillar: Political and regulatory environment.....	6	5.7
2nd pillar: Business and innovation environment.....	7	5.4

B. Readiness subindex..... 4..... 6.4

3rd pillar: Infrastructure.....	1	7.0
4th pillar: Affordability.....	28	6.1
5th pillar: Skills.....	12	6.0

C. Usage subindex..... 9..... 5.8

6th pillar: Individual usage.....	3	6.7
7th pillar: Business usage.....	11	5.5
8th pillar: Government usage.....	18	5.2

D. Impact subindex..... 9..... 5.6

9th pillar: Economic impacts.....	8	5.4
10th pillar: Social impacts.....	8	5.7







Mer enn et selskap

