

INTELZONE

IoT Experts



Crayon Group



The screenshot shows the Crayon Group website homepage. At the top left is the Crayon logo with the tagline "The Software Experts". To the right, it says "Crayon Group | Change Counts | LinkedIn" and "TEL: +47 22 89 1000" with social media icons for Search, Facebook, LinkedIn, and YouTube. A navigation bar below the header lists: Software Asset Management, Consulting Services, Software Partners, Channel Services, Cloud & Learning, Training & Events, News & Resources, and About Us. The main content area features the SAM-iQ logo and the text "The Intelligent Foundation for IT Optimisation" over a background image of a globe with a network overlay. Below this is a row of eight small circular icons. At the bottom left, there is a GDPR notice: "GDPR | Is your organisation ready?"



The screenshot shows the Intel Zone website. The main headline is "Optimize your IoT strategy" with the subtext "By leveraging predictive analytics and the Internet of Things, you can transform your business from a product-based model to a service-based model." There are two buttons: "Learn More" and "Contact Us". A sidebar on the right contains a "Product Overview" section with a list of items and a "Learn More" button.



The screenshot shows the Kryptes website. The main headline is "Kryptes" with the subtext "Kryptes is a leading provider of IT intelligence solutions. We help you to understand your IT environment and optimize your IT spend." There is a "Learn More" button.



The screenshot shows a website with the main headline "IT Intelligence" and a subtext "IT Intelligence is a leading provider of IT intelligence solutions. We help you to understand your IT environment and optimize your IT spend." There is a "Learn More" button.



The screenshot shows the Puzzlepart website. The main headline is "PUZZLEPART" and the subtext is "Puzzlepart is a leading provider of IT intelligence solutions. We help you to understand your IT environment and optimize your IT spend." There is a "Learn More" button.



The screenshot shows the Inmeta website. The main headline is "Vi designer og implementerer digitale løsninger som skaper varig endring" (We design and implement digital solutions that create lasting change). At the bottom, there is a navigation bar with the Inmeta logo and links for "Hvem er vi", "Hva vi gjør", "Hvor vi leverer", "Løsningsområder", and "Kontakt".

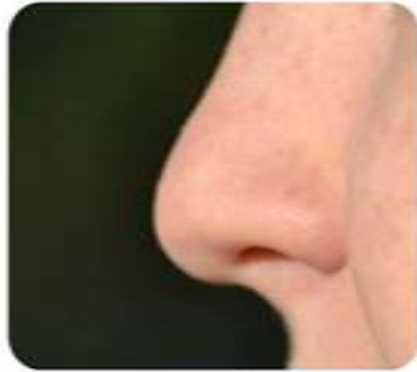
Sensor Technology



sight



hearing



smell



taste



touch

Translating the environment into data

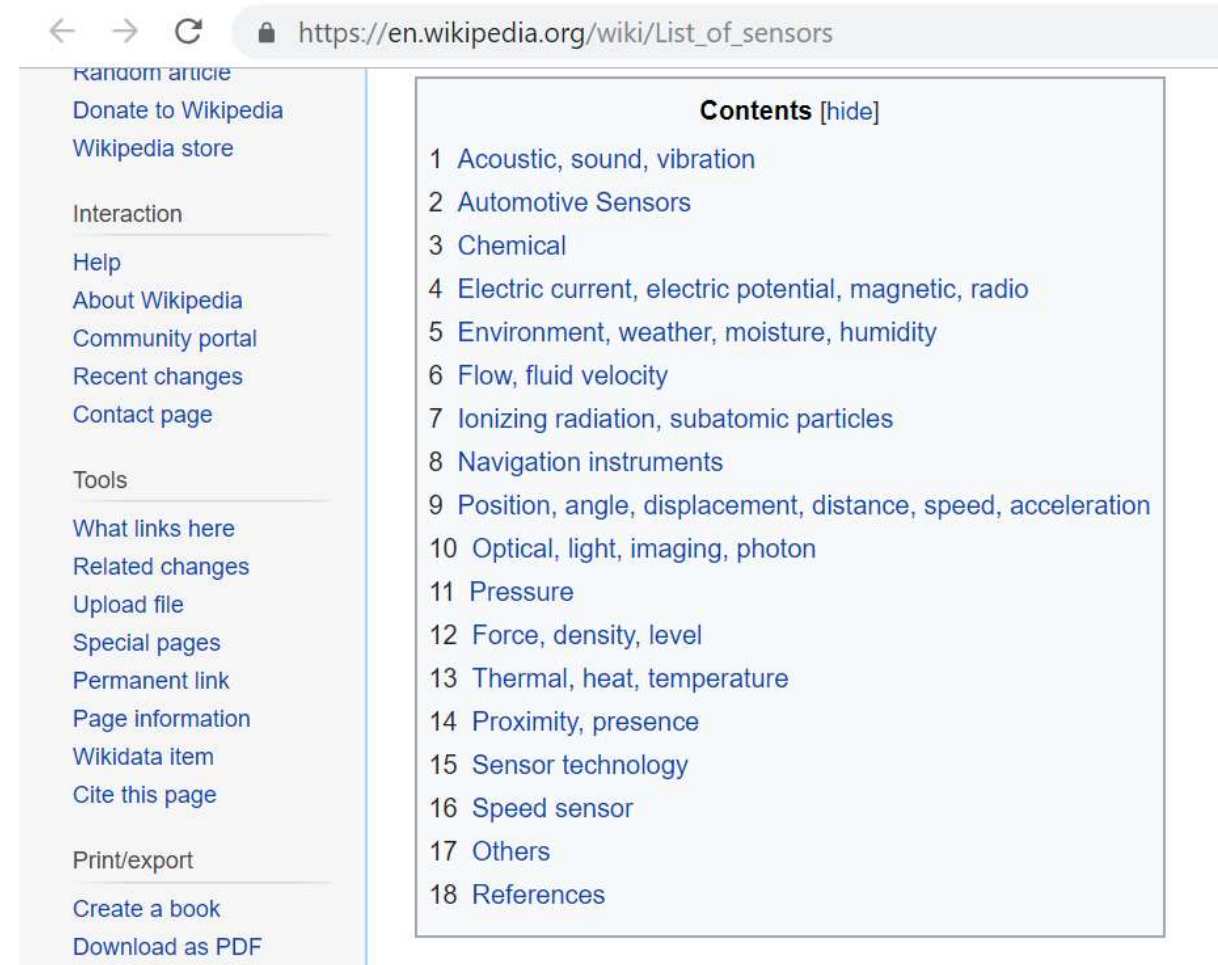
Sight: Electromagnetic waves

Hearing: Sound waves

Smell: Chemical

Taste: Chemical

Touch: Pressure, Electromagnetic



The screenshot shows a web browser window with the URL https://en.wikipedia.org/wiki/List_of_sensors. The page content includes a sidebar with navigation links and a main section titled "Contents [hide]" containing a numbered list of 18 items:

- 1 Acoustic, sound, vibration
- 2 Automotive Sensors
- 3 Chemical
- 4 Electric current, electric potential, magnetic, radio
- 5 Environment, weather, moisture, humidity
- 6 Flow, fluid velocity
- 7 Ionizing radiation, subatomic particles
- 8 Navigation instruments
- 9 Position, angle, displacement, distance, speed, acceleration
- 10 Optical, light, imaging, photon
- 11 Pressure
- 12 Force, density, level
- 13 Thermal, heat, temperature
- 14 Proximity, presence
- 15 Sensor technology
- 16 Speed sensor
- 17 Others
- 18 References

Why IoT is important for blue-green roofs

- Green roof is a fragile living material which needs care.
- Especially during extreme weather conditions.
- It can reduce urban floods.

Blue-green roofs

Monitor health of the green roofs with a variety of sensors like:

- Moisture
- Temperature
- Normalized Difference Vegetation Index (NDVI) using multispectral camera sensors
- ML/AI

Actions:

- Alert about the health changes
- Execute water management tasks

Leveraging new connectivity standards like NB-IoT and LoRa.

Technology development

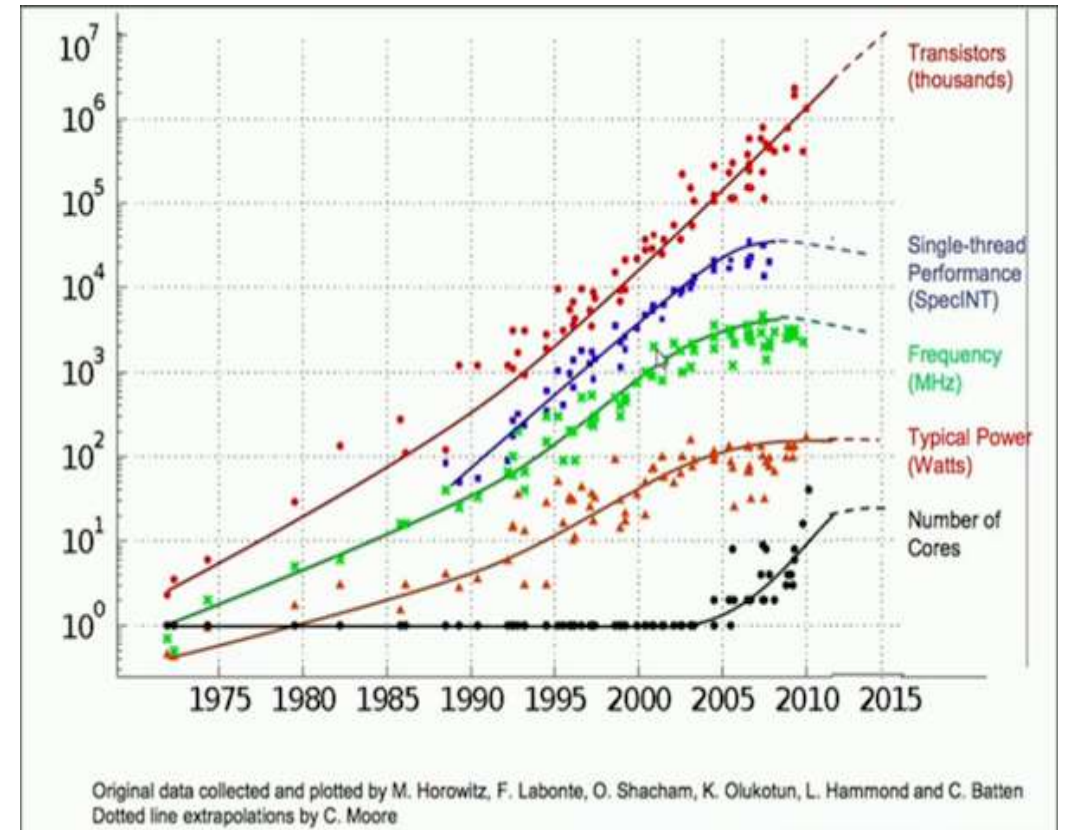
Decreased size, cost.

Increased range/sensitivity/capabilities

More powerful computing

Integrated circuits

Connectivity



What is next?

10 cent production cost

Simple data processing



*"Complexity is your enemy. Any fool can make something complicated. It is hard to something **simple.**" - Richard Branson*

