

AUTONOMY

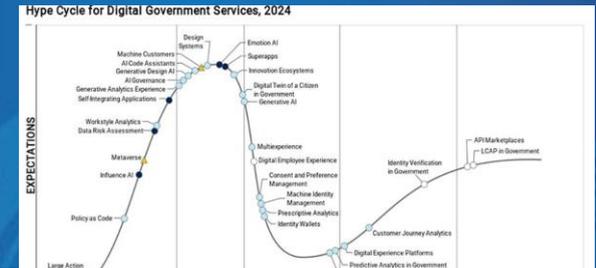
RI.
SE

DEPENDENCY

JOHAN LINÅKER, RISE/LUNDS UNIVERSITET

**Digital Suveränitet
och beredskap inom
hälso- och sjukvård**

Teknologin accelererar, liksom förväntningar



Digital public services have enormous potential.

24/7 accessibility
even during a pandemic



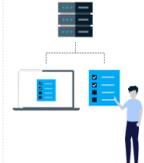
~50% less time spent
interacting with public administration



>50% lower costs
for companies when interacting with the public administration



~60% less case-handling effort
through automated processing



Source: German National Regulatory Control Council

McKinsey & Company

A Europe fit for the digital age

Empowering people with a new generation of technologies



Medan vi sitter digitalt bakbundna av beroenden

IT-snurren: Skolor tvingas betala för att ta del av egen data

Häromåret fick Malmö stad, efter förlikning, betala 13 750 000 kronor i skadestånd till ett IT-företag för att man tagit ut historiska uppgifter om elever, till exempel betyg, ur ett system för elevadministration som man enligt avtal inte längre hade rätt att utnyttja.

Amerikanske it-giganter dominerer danske myndigheder: »Der er nu en monopollignende tilstand«

Digitalisering · 27. oktober 2023 kl. 05:00 · 13 kommentarer

Det offentlige oplever enorme prisstigninger på it-licenser, der er så voldsomme, at det fik Region Hovedstaden til at fyre 150 medarbejdere i foråret. Kigger man på en af de største it-leverandører til kommunerne, er Region Nordjyllands udgifter til Microsoft de senere år steget med 44 procent.

Förvärrad situation till följd av geopolitisk utveckling



Donald J. Trump

@realDonaldTrump

As the President of the United States, I will stand up to Countries that attack our incredible American Tech Companies. Digital Taxes, Digital Services Legislation, and Digital Markets Regulations are all designed to harm, or discriminate against, American Technology. They also, outrageously, give a complete pass to China's largest Tech Companies. This must end, and end NOW! With this TRUTH, I put all Countries with Digital Taxes, Legislation, Rules, or Regulations, on notice that unless these discriminatory actions are removed, I, as President of the United States, will impose substantial additional Tariffs on that Country's Exports to the U.S.A., and institute Export restrictions on our Highly Protected Technology and Chips. America, and American Technology Companies, are neither the "piggy bank" nor the "doormat" of the World any longer. Show respect to America and our amazing Tech Companies or, consider the consequences! Thank you for your attention to this matter.

DONALD J. TRUMP, PRESIDENT OF THE UNITED STATES OF AMERICA

8.15k ReTruths 33.2k Likes

Aug 26, 2025, 2:31 AM

Europe's Digital Leaders Call for "Tech Sovereignty"

The anti-protectionist, pro-tech D9+ alliance switches sides as Europe debates targeting US digital services with tariffs and other measures.

Dutch parliament calls for end to dependence on US software companies

By Tol March

80% total spending on cloud software and services for professional use in Europe went to American companies, representing a volume of 265 billion euros.

Big win: Germany, sovereign EU-

Digital Sovereignty, Security, and Digital Innovation in Germany

Dirk Schrödter
Minister und Chef der Staatskanzlei des Landes Schleswig-Holstein

ARGUMENT An expert's point of view on a current event. Europe Must Avoid Digital Colony

The EuroStack is the continent's last chance for tech

Digital sovereignty: less dependency, more European integration

The coalition partners are focusing strongly on digital sovereignty – an approach that could have far-reaching consequences for companies.

- Building European integrated and resilient value chains:** "We are creating European integrated and resilient value chains for key industries, from raw materials and chips to hardware and software." This is intended to reduce dependence on non-European manufacturers – both from China and the USA.
- Strengthening open interfaces and standards:** "We ensure our digital sovereignty: we define open interfaces and open standards across all levels and systematically promote open source [...]" This is a reaction to the increasing dependence on proprietary systems, which are causing huge difficulties in the context of digital transformation and have had an enormous braking effect. With regard to open source, two options are discussed in the document – either "define ambitious targets" or specifically "achieve an open source share of 50% by 2029" for the IT budget.
- Exclusion of untrustworthy providers:** "We will exclude untrustworthy providers with legal certainty in future." This refers primarily to critical infrastructures and is likely a reference to the debate surrounding providers in the 5G network.

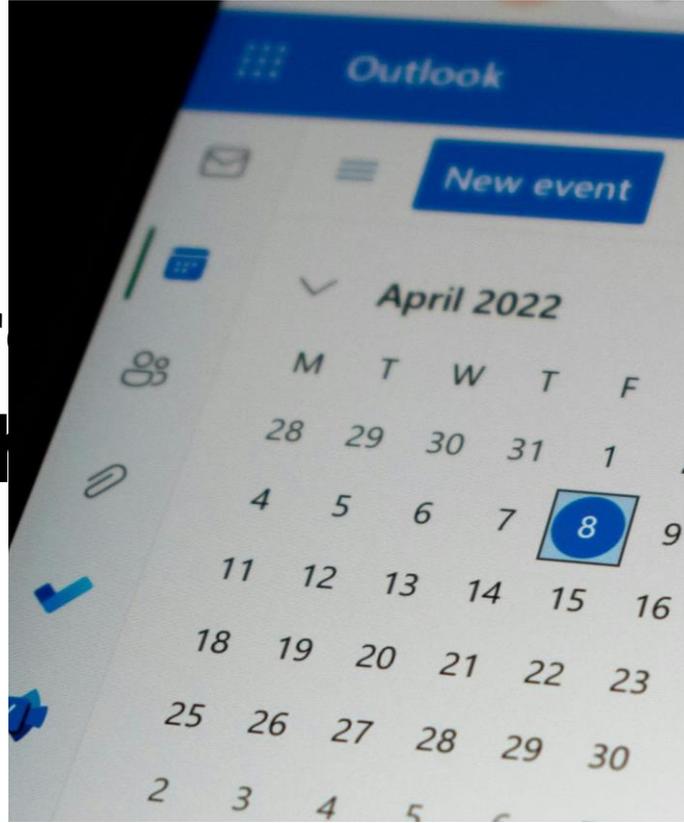
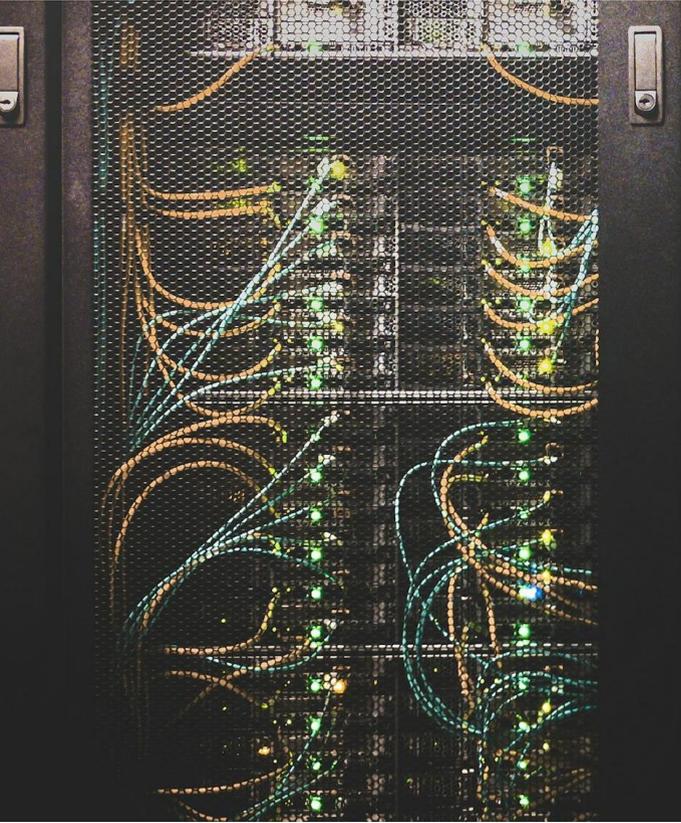
LA DÉPENDANCE TECHNOLOGIQUE AUX SOFTWARES & CLOUD SERVICES AMÉRICAINS : UNE ESTIMATION DES CONSÉQUENCES ÉCONOMIQUES EN EUROPE

ASTERES

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Add Hierarchy Attributes Options Help

USB128 L102

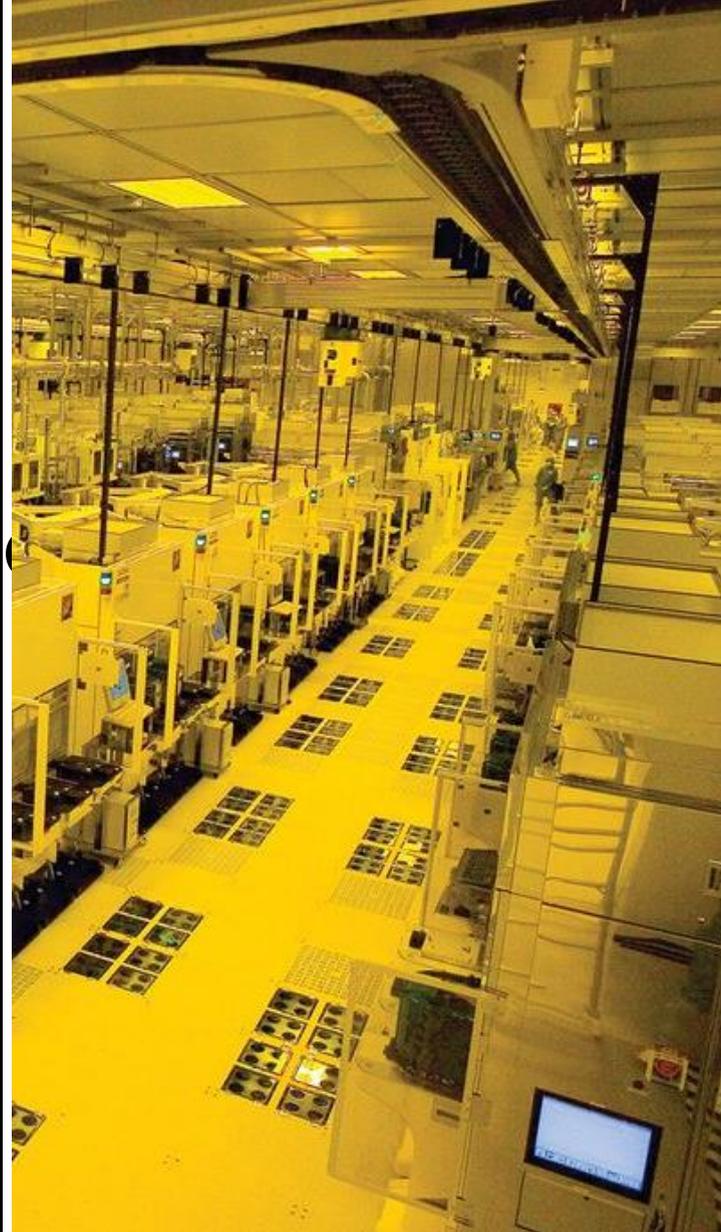
ES/PCINT0)	(AD0) PA0	51	FA10..7)
PCINT1/SCLK)	(AD1) PA1	50	
PDI/PCINT2/MOSI)	(AD2) PA2	48	
PDO/PCINT3/MISO)	(AD3) PA3	46	
PCINT4/OC_2A)	(AD4) PA4	47	
PCINT5/OC_1A)	(AD5) PA5	45	
PCINT6/OC_1B)	(AD6) PA6	44	
PCINT7/OC_0A/OC_1C)	(AD7) PA7	44	
OC0B/SCL/INT0)	(A8) PC0	35	PC10..7)
PC2B/SDA/INT1)	(A9) PC1	36	
RXD1/INT2)	(A10) PC2	37	
RXD1/INT3)	(A11/T.3) PC3	39	

▼ PCB

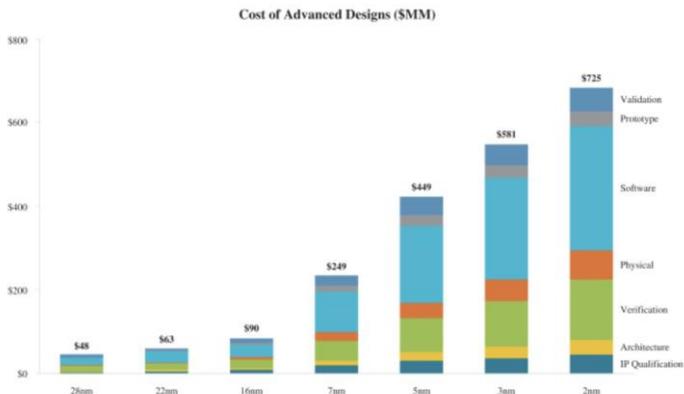
File Edit View Settings Select Buffer Connects I

- solder
- GND-sldr
- Vcc-sldr
- component
- GND-comp
- Vcc-comp
- silk
- rat lines
- pins/pads
- vias
- far side
- solder mask

VIA LINE ARC
TEXT RECT POLY



Suveränitet är ett problem i hela Teknikstacken



Source: IBS July 2022.

Hardware Software

Applications/Workload

Operating System

Kernel

Drivers

Firmware

Devices/Machines

Boards

Chips/Components/SOCs

ISA

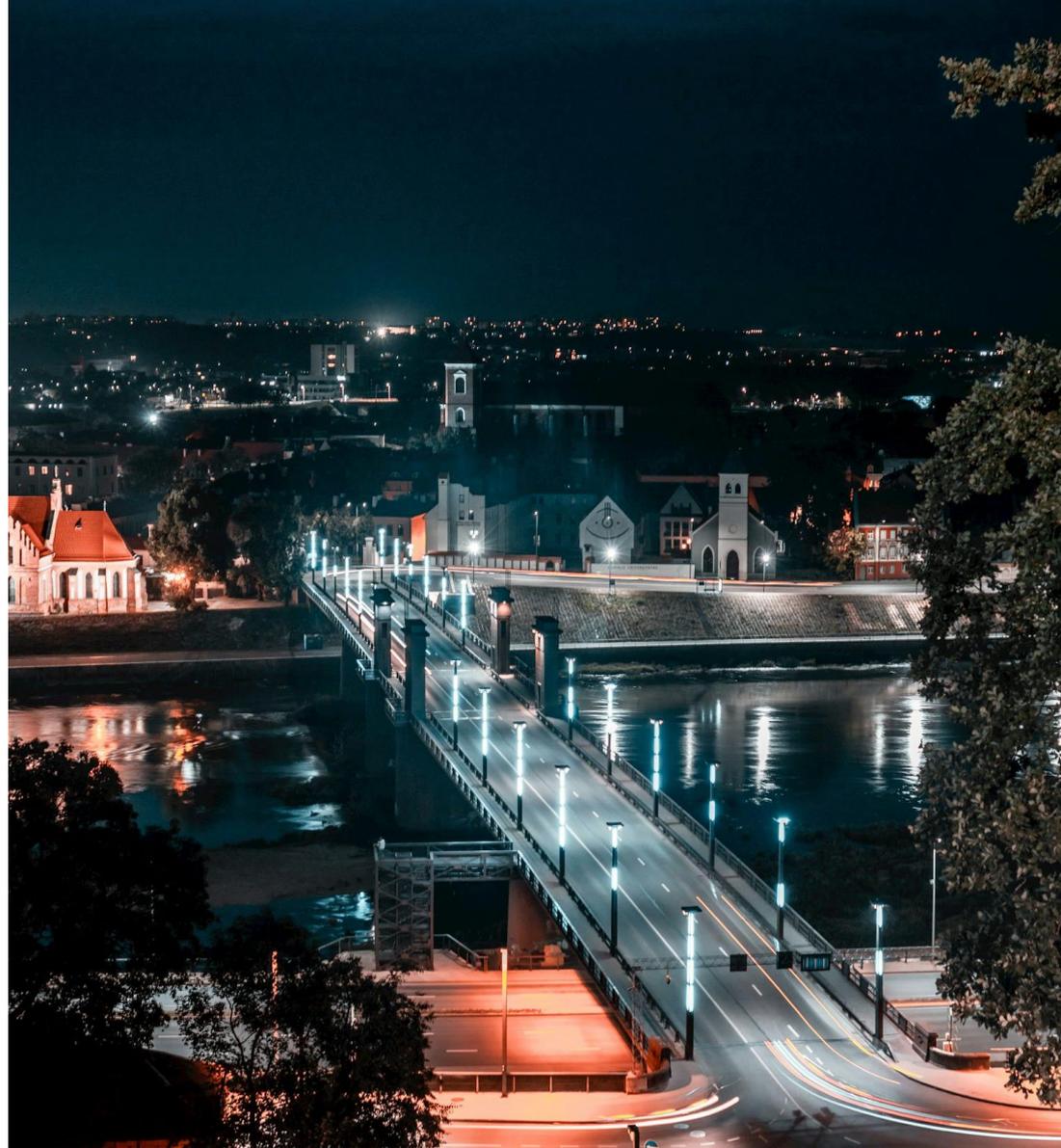
Microarchitecture

Tools, frameworks & infrastructure



Alla delar av infrastrukturen är lika kritisk

Fysisk + Digital





Digital Suveränitet

=

Öppen

Strategisk

Autonomitet



**Öppen
Strategisk
Autonomitet
kräver
kontroll**

**Kontroll
kräver
investeringar
och aktiva
bidrag**

**Investeringar
och bidrag
kräver
nödvändiga
förmågor**



Offentlig sektor lider av ett komfortsyndrom



It's a We- problem



4. **Political leadership:** courage to act
5. **Understanding:** sovereignty requires systemic changes and not just technical replacements

**Behov av att
börja bygga
mod och
samarbeta**



**Öppna teknologier är
en vertygslåda**

**{Programvara,
Standarder, Data, AI,
Hårdvara, Kunskap...}**



Flexible Teamwork for the Public Sector

openDesk is the customisable office and collaboration suite designed specifically for your needs in public administration.

Stay informed



Launched in autumn 2024.



Project management

Plan and manage projects efficiently with kanban boards, Gantt charts, and more.



Task management

Track your tasks with ease and stay on top of milestones.



Contacts

Manage your personal contact details or create shareable address books.



Document management

Create and edit text, spreadsheets and presentations — on your own or collaboratively with others.



Chat

Communicate with colleagues and workgroups in real time.

The platform for Digital Sovereignty

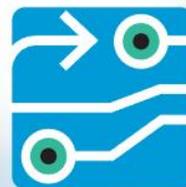
openCode brings open source to the German public sector. Together, we develop and share software that shapes our digital future in a self-determined way.

About Open Source

Software Index



How would you like to use



Die Einheitliche S

Vision und Umse

„GA-Lotse - Das Digitalisier Gesundheitsämtern folgt die Software die Abläufe in den optimieren.

Mit der Softwareentwicklung effektive Datenverarbeitung Deutschland befähigen, für Anforderungen in der Zusar

L'sove works

Create. Organize. Collaborate. Open source environment for the public sector and open



Tillgång och Efterfrågan behöver växa och mötas



**Måste börja
kravställa och
utvärdera
utifrån
säkerhet, inte
enbart pris**



Vägledning och hjälp till säkra val i moln

Many procurement projects express mandatory requirements with reference to specific implementations in software. For example, one project expressed a mandatory requirement which required 'PDF from Raindance' (based on the information provided by this procurement project it is unclear how, and which version of the PDF file format is used by this specific SaaS solution for creation of PDF files). Similarly, another project expressed that support for exporting data from the procured application 'to the Google docs format' in a mandatory requirement (without providing any the SaaS solution is actually specified and implemented). Further, several procurement projects express (in many cases rather vaguely formulated) mandatory requirements that request integration and compatibility with the file formats used by 'iWork', 'Office 365', and 'MS Office'.



EUROPEAN COMMISSION

DIRECTORATE-GENERAL FOR DIGITAL SERVICES

Luxembourg

Cloud Sovereignty Framework

Version 1.2.1 – Oct. 2025

Säkra mot data läckage över Atlanten

CLOUD Act och FISA 702

Digitalisering

Leverantören om Millennium: Kritiken felaktig

Sjukhusdirektören försvarar Millennium trots

UPPDATERAD 24 DECEMBER 2024 PUBLICERAD 23 DECEMBER 2024

Trots Millennium-haveriet jobbar ett hundratal konsulter fortfarande med systemet.

Totalt kostar det Västra Götalandsregionen 14 miljoner kronor i månaden, rapporterar [P4 Väst](#).

och regionerna
atalagstiftningen

NYHETER | INGÅR I: MILLENNIUM

VA Admits Oracle Cerner EHRM Issues Contributed to 4 Veteran Deaths

irektör om
er mig trygg«

DAGENS NYHETER. [Nyheter](#) [Sverige](#) [Världen](#) [Ekonomi](#) [Kult](#)

NYHETER

Oracle sk
Västra G
Eft
Or

Nyhet
17 jan. 2025

MILLENNIUM

▶ Avta
Mille

SVERIGE

Regionen börjar med AI-journaler – trots avrådan

Uppdaterad i går 09:54 Publicerad 2026-02-01



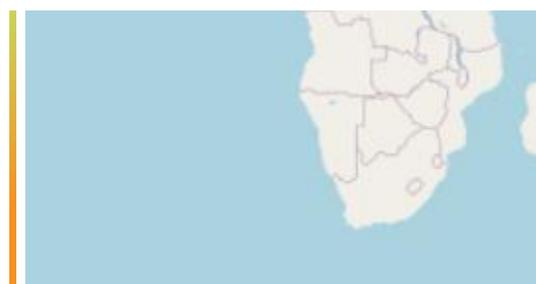
Börja med att kartlägga beroenden

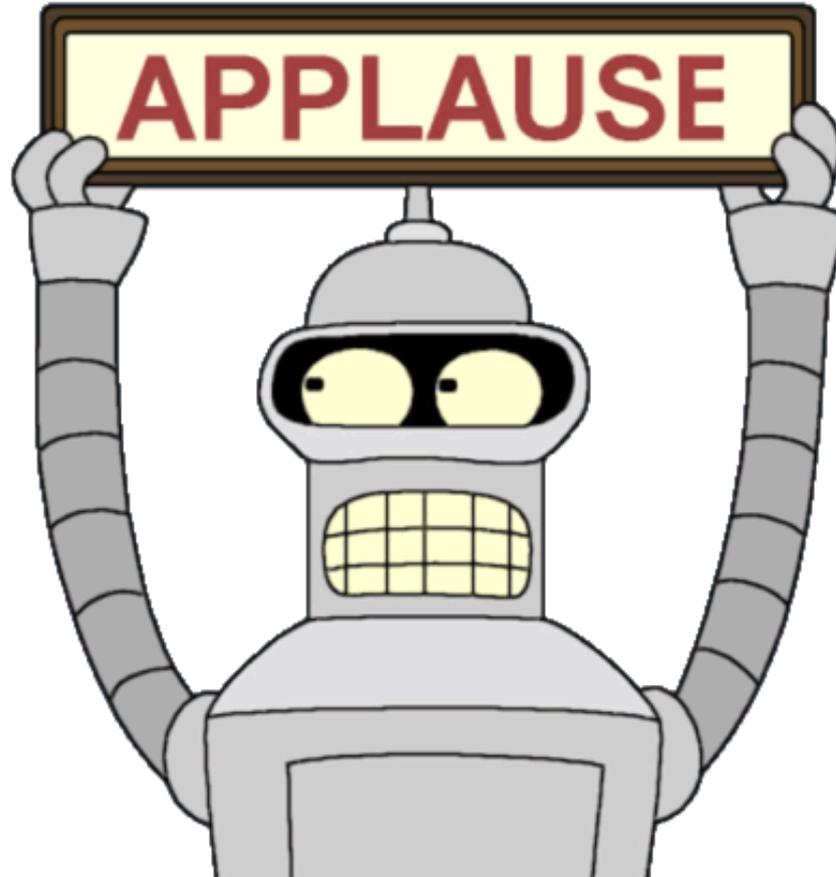
Pilot i Helsingborg





Öppen Strategisk Autonomitet kräver öppen samverkan, delning/återanvändning och gemensamma förmågor





Ytterligare läsning

- [1] <https://www.linaker.se/blog/building-sovereignty-the-open-way/>
- [2] <https://arxiv.org/pdf/2409.01118>
- [3] <https://www.linaker.se/blog/report-software-reuse-through-open-source-software-in-public-sector/>
- [4] <https://www.linaker.se/blog/public-sector-open-source-program-offices/>
- [5] <https://www.linaker.se/blog/public-sector-open-source-software-projects-how-is-development-organized/>
- [6] <https://www.linaker.se/blog/sustaining-maintenance-labor-for-open-source-software-projects-through-human-Infrastructure-Copy/>
- [7] <https://www.linaker.se/blog/health-check-ups-on-open-source-software-projects/>
- [8] <https://europeanopensource.academy/>