



FOLKETINGET

Åben høring om digital suverænitæt

Folketingets Udvalg for Digitalisering og It

Torsdag den 8. maj 2025 kl. 14.00-16.15 i Landstingssalen,
Christiansborg.



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Velkomst v. Lisbeth Bech-Nielsen (SF)

Formand for Udvalget for Digitalisering og It

Digital suverænitet
Folketingets Udvalg for Digitalisering og It



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Caroline Stage Olsen

Digitaliseringsminister



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Dirk Schrödter

Digitaliseringsminister Slesvig-Holsten

Open Innovation and Open Source in Schleswig-Holstein

Public Hearing on Digital Sovereignty and Autonomy
Thursday, 8. May 2025, Christiansborg, Copenhagen

Dirk Schrödter

Minister of Digitalization and Head of the State Chancellery

Importance of Digital Sovereignty

The IT of public administration has become a critical part of operations, and its functionality is systemically relevant.

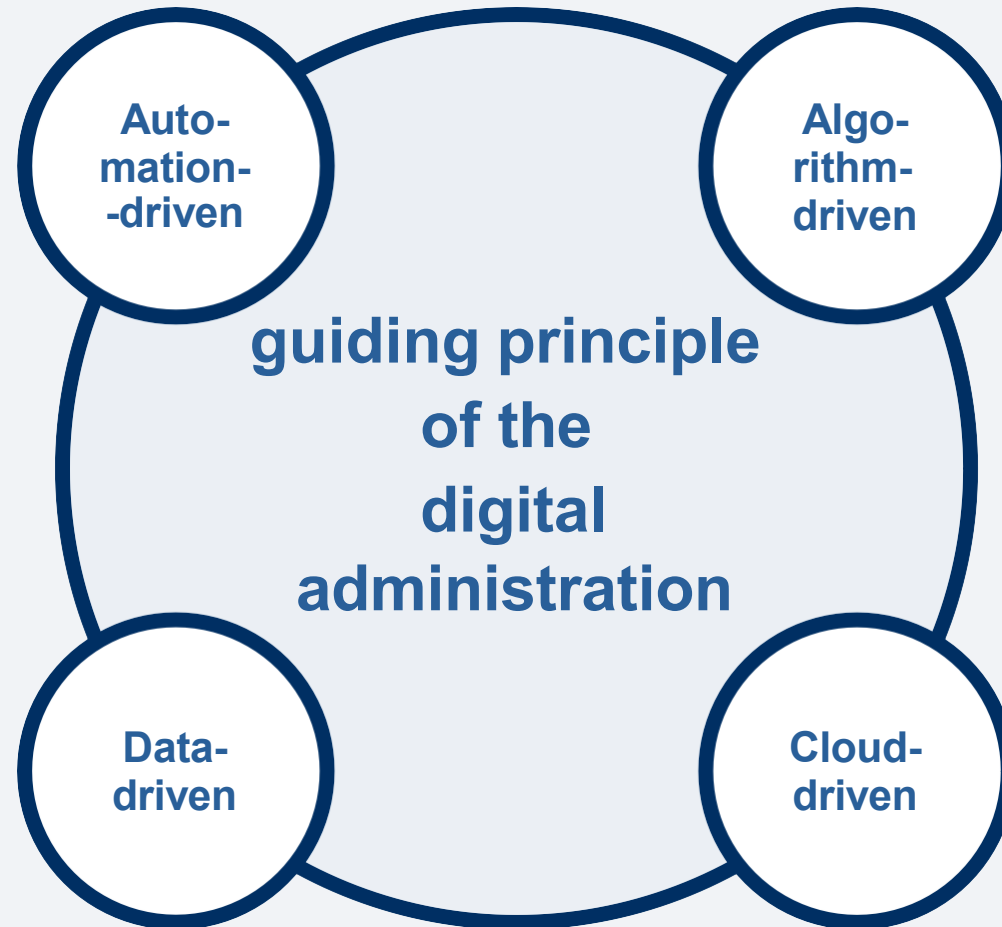
Importance of Digital Sovereignty

Digital sovereignty means that **individuals** and **institutions** have the **capabilities and skills** to fulfil their **roles** in the digital world **independently, autonomously and securely.**

Risks of Proprietary Software

- 1. Limited power to shape our IT Systems**
- 2. Limited transparency**
- 3. Security risks**
- 4. Monopolistic pricing**

Future of Administration



Ensuring Digital Sovereignty

**To ensure digital sovereignty and save autonomy
three main aspects relevant:**

- 1. diverse provider landscape**
- 2. open standards**
- 3. implementing open source software**

Administration as Innovation Driver

Creating an environment that fosters:

- **Open Innovation** in a whole **ecosystem**, that brings together different stakeholder to support regional economic development and research
- **Open Source** and **Open Standards** in our **state-IT**

Pillars of the Open Source Strategy

Digitally sovereign IT workplace in the state administration of Schleswig-Holstein

Linux (LX)

Conceptualization of an open-source based operating system.

Deployment of Linux for workplaces to replace Microsoft Windows.



LibreOffice (LO)

Customization and rollout of the LibreOffice open-source office suite.

Replacement of Microsoft Office with LibreOffice



Collaboration and Groupware

Utilization of open-source products such as Nextcloud, Open-Xchange, and Thunderbird.

Integration with Univention UCS AD-Connector to replace Microsoft SharePoint and Exchange/Outlook.



New Directory Service

Development of an open-source based directory service.

Replacement of Microsoft Active Directory.



nubus



Specialized procedures

Assessment of specialized procedures for compatibility and interoperability with LibreOffice and Linux.

New Telephony

Development of an open-source based telephony solution (OSKAR).

Replacement of Telekom-Flexport.



KAMAILIO



Open Source Strategy: Schleswig-Holstein is transitioning to free software

Implementation challenges

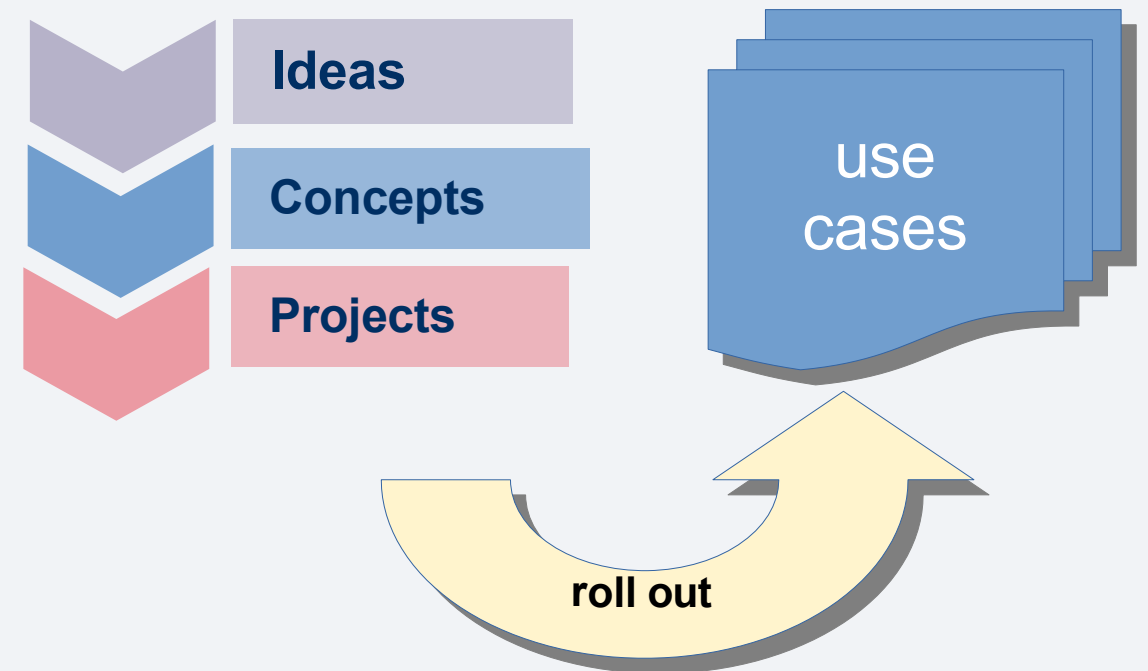
- 1. Specific IT-solutions/ Specific Application, in which
Microsoft is deeply embedded**
- 2. Working together/ share documents, between other
states**
- 3. Change Management**

Local Open Innovation

Local Open Innovation Hub



State Programm „Open Innovation“



Electronic Case File

Development of a scalable digital document management system (DMS)

What problem is being solved?

- High time loss due to paper-based and inefficient administrative processes.
- Lack of storage options makes it difficult to comply with retention obligations.

What does the new solution offer?

- Further development of an existing proprietary solution into an open-source-solution
- Simplification of collaboration and cooperation within the association

Involved project partners:



OSPO Schleswig-Holstein

Shaping OSPO in Schleswig-Holstein

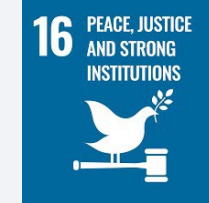


Economically Impact

- **Study by EU Commission (2021):** 10 percent increasing contributions to OSS software would generate an additional economic growth in der EU between 0.4 percent and 0.6 percent, as well as more than 600 additional ICT start-ups in the EU.
- **Harvard-Study (2024)** „... find that firms would need to spend 3.5 times more on software than they currently do if OSS did not exist.“

Contribution to the UN's Goals:

The promotion of **open source** paradigms and the cultivation of **digital sovereignty** within the context of Schleswig-Holstein's governance framework resonate with a spectrum of **United Nations Sustainable Development Goals (SDGs)**



Goal 17:

Advocating for open-source practices and digital sovereignty in Schleswig-Holstein supports **collaboration** and **knowledge sharing** among governments, businesses, and civil society. This cooperative effort strengthens **global partnerships** and broadens access to technologies, which is crucial for **sustainable development**.

Conclusion

1. **Binding Open Source Strategy:** clear roadmap and milestones
2. **Procurement reform:** allow public administrations to prioritize open solutions
3. **Budget redesign:** shifting money from licenses to development, training, and community building
4. **Political leadership:** courage to act
5. **Understanding:** sovereignty requires systemic changes and not just technical replacements

Contact:

Press and Information Office of the State Government

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State Chancellery
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24105 Kiel

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regierungssprecherin@stk.landsh.de
www.schleswig-holstein.de



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Jens Kjellerup

**Chefkonsulent i Ballerup Kommune og
bestyrelsesmedlem i OS2 (Offentligt Samarbejde
og Open Source)**



Hvordan styrker vi digitaliseringen i det offentlige

Erfaringerne fra OS2

Jens Kjellerup, OS2 bestyrelse



OS²

81 kommuner

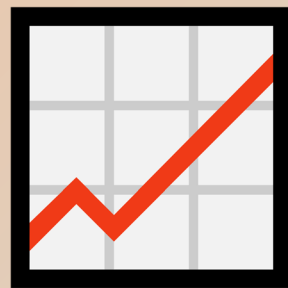
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STATENS IT

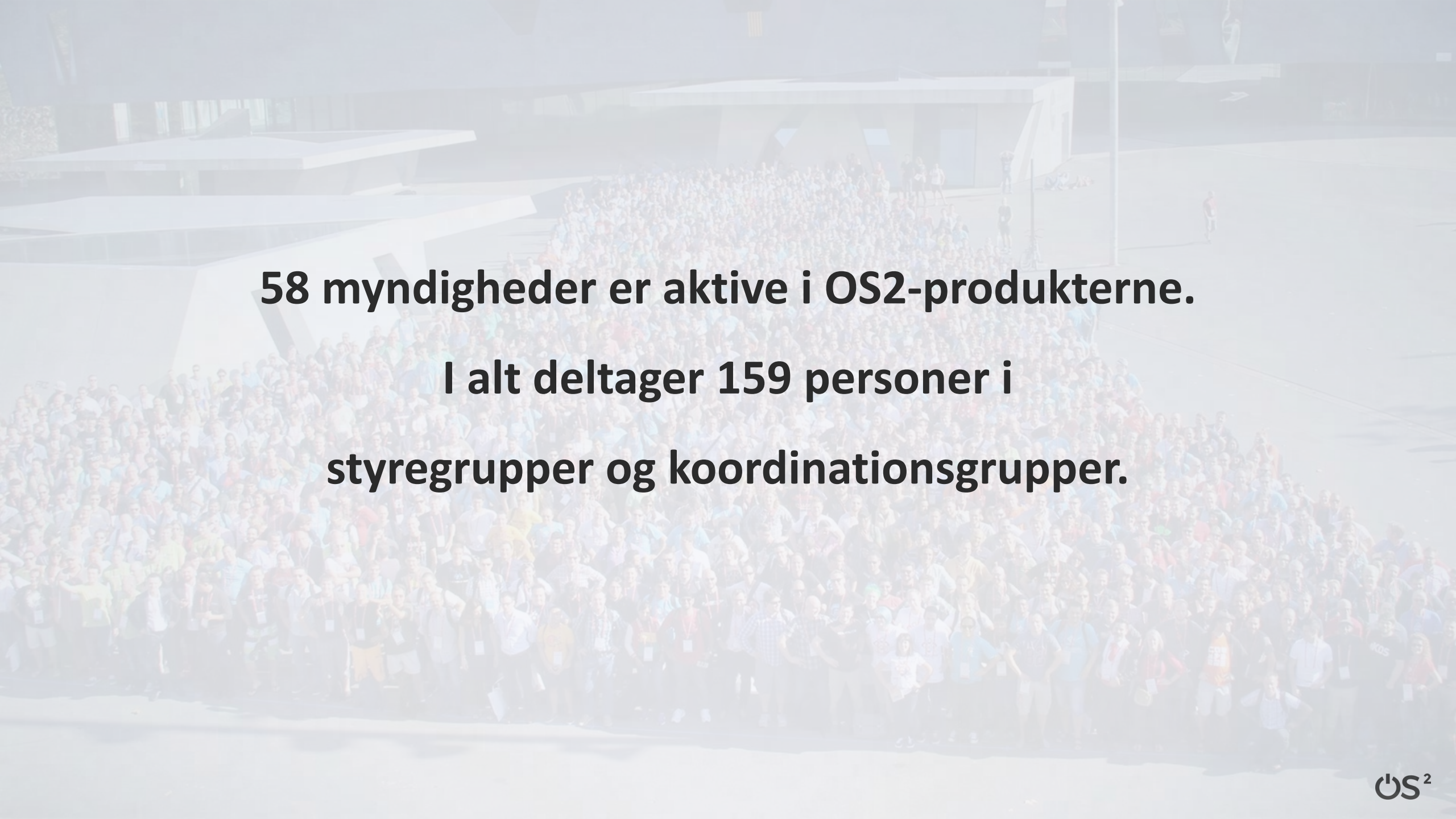
SKI

IT-FORSYNINGEN I/S

67/12 leverandører



**13 år og 26 produkter
brugt over hele landet**



58 myndigheder er aktive i OS2-produkterne.

**I alt deltager 159 personer i
styregrupper og koordinationsgrupper.**

Hvad har været godt?

Løbende behovsdrivet udvikling

Mange aktive parter (kommuner)

Fælles finansiering = billigere for den enkelte deltager

Fastholder digitale kompetencer i kommunerne

Suverænitet over den digitale portefølje udvikling, drift og vedligehold

Ingen vendor lockin



Hvad har været svært?

Fælles model for finansiering af produkterne på den lange bane

Styring af de mange aktive parter

Sikre kompetente leverandører i et relativt lille marked

Vedvarende fokus på ejerskabet og arkitekturen så ingen leverandør overtager

Digital suverænitet?

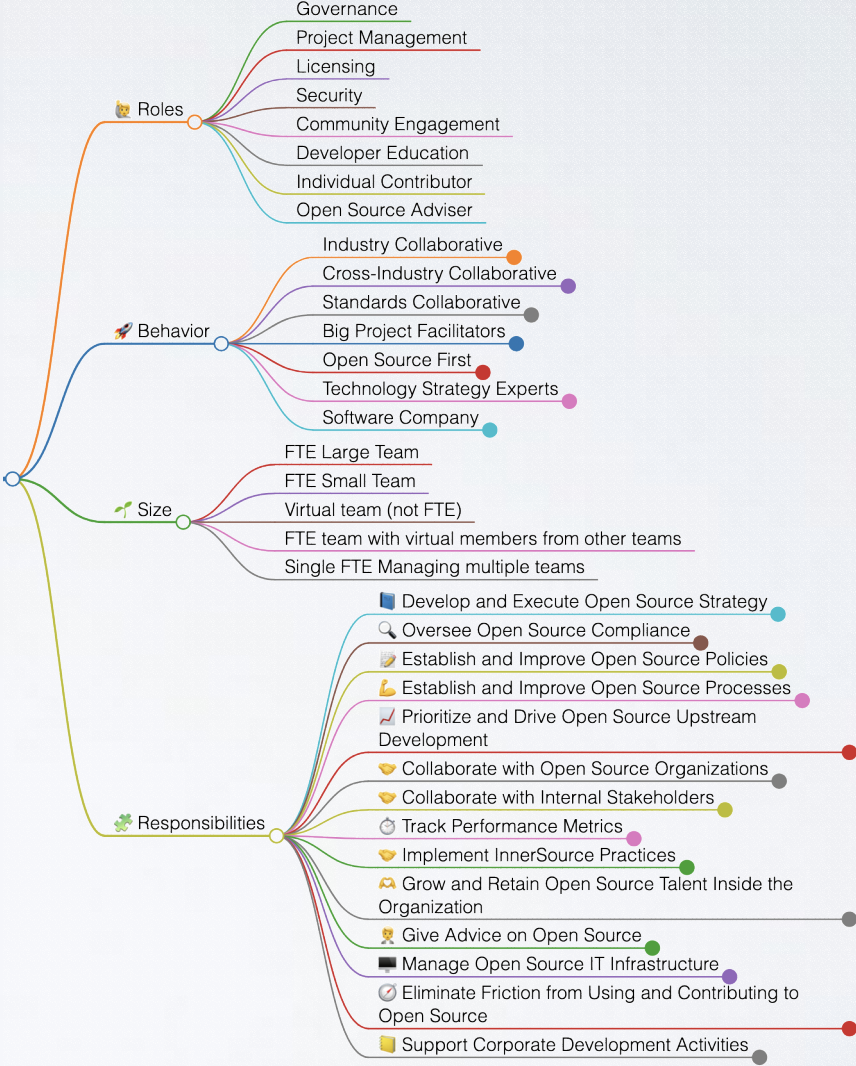
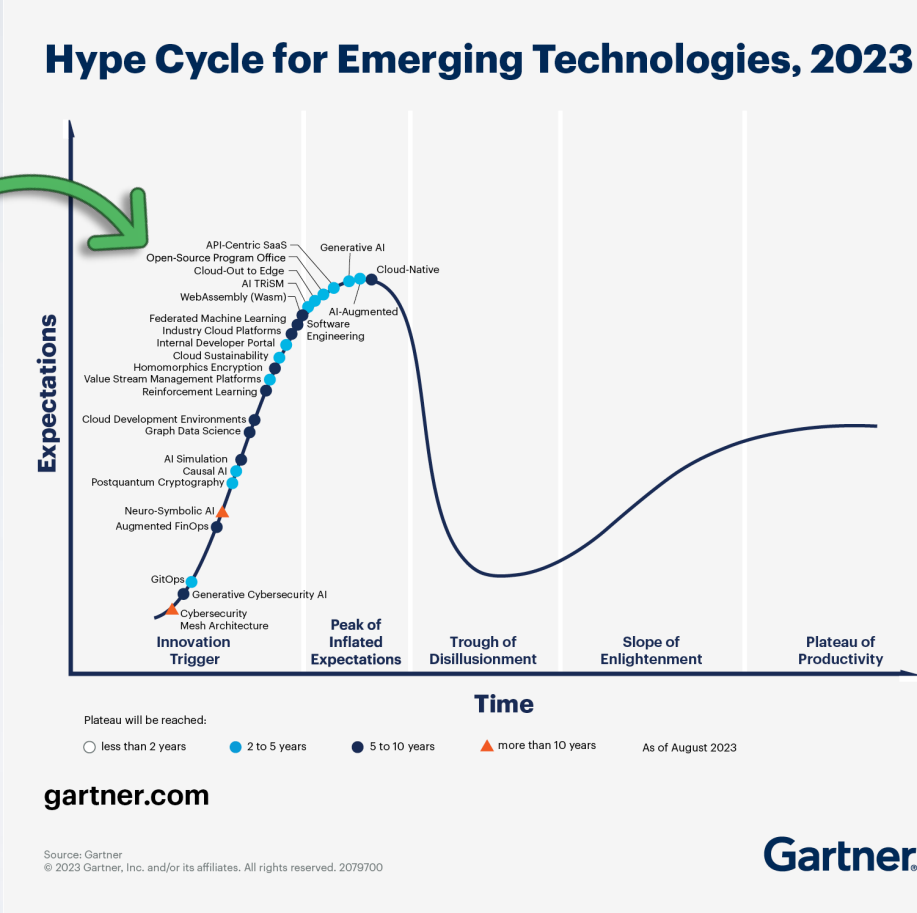
Målet er Ejerskab!

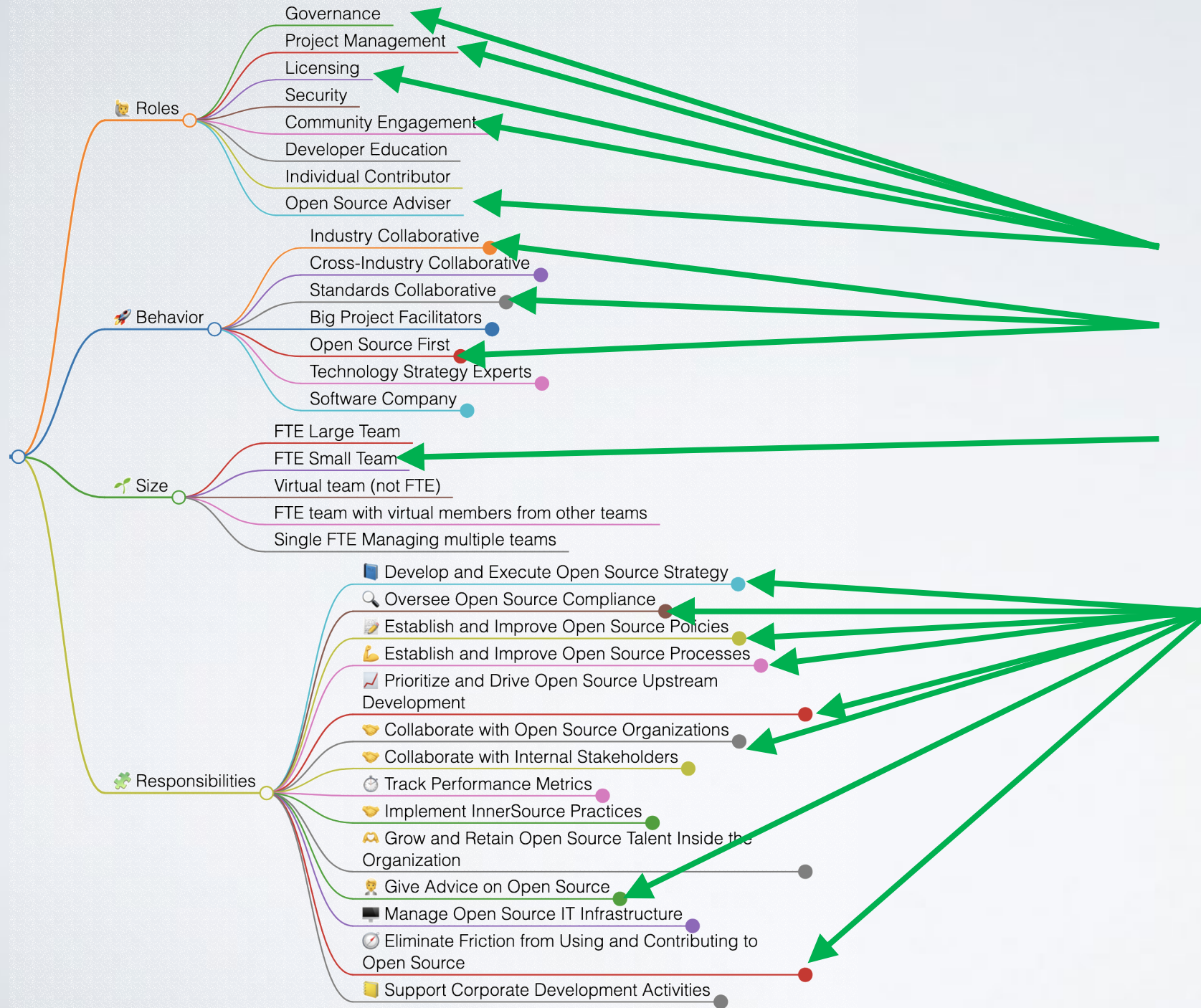
open source er et redskab

forudsætter "open source" organisering

Open Source Program Office

OSPO

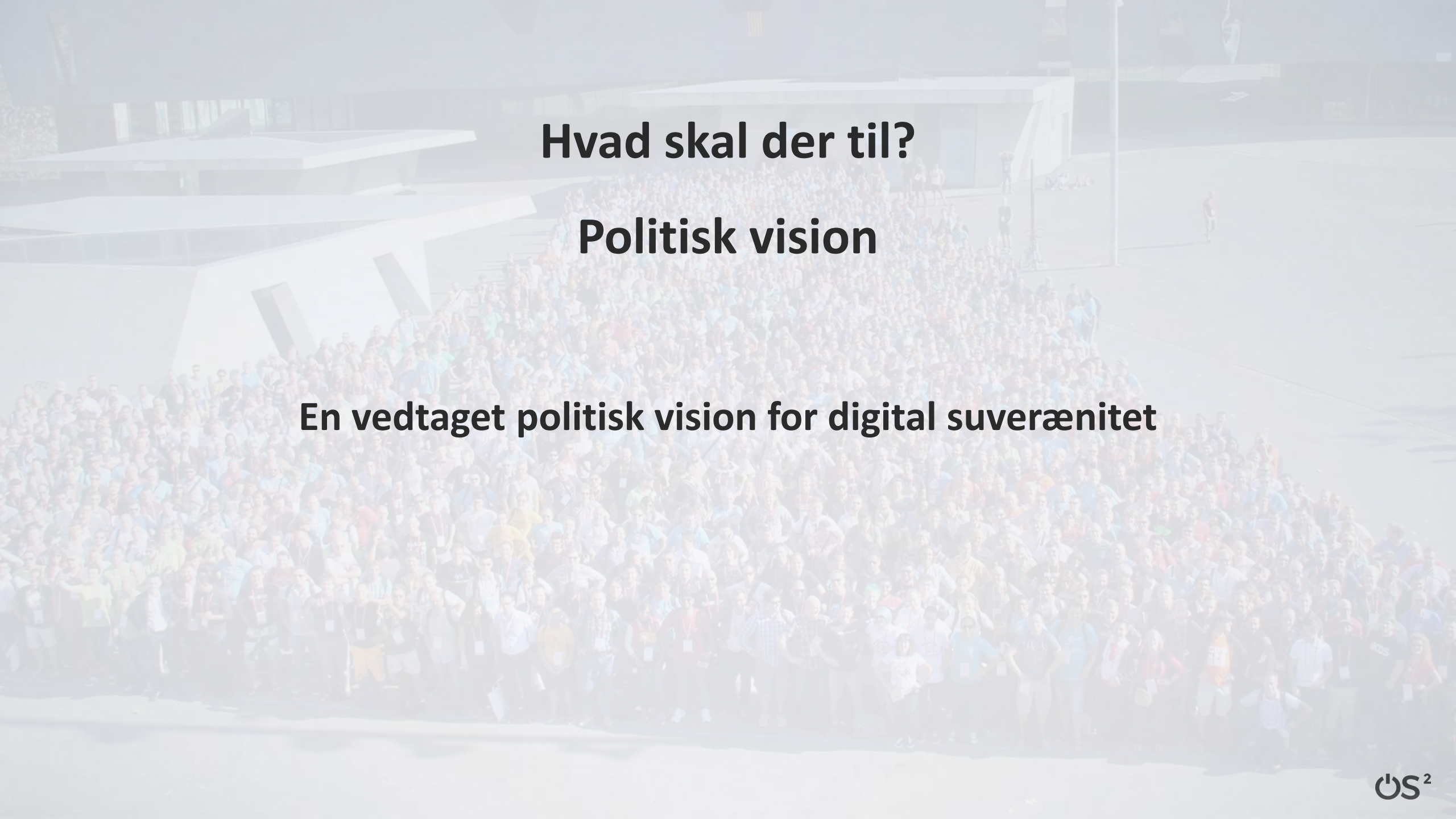




OS²

A large group of people, mostly young adults, are posing for a group photo in front of a modern building with a glass facade. The group is arranged in many rows, filling the foreground and middle ground. They are wearing a variety of casual clothing, including t-shirts, hoodies, and jeans. The building in the background has a distinctive architectural style with large, angular concrete structures. The overall scene suggests a large-scale event or gathering, possibly a conference or a group photo of a large organization.

Hvad skal der til?

A large crowd of people, mostly young adults, are gathered in a modern, open-plan space with large concrete structures. They are wearing various colored t-shirts, some with logos, and many have lanyards around their necks. The scene is brightly lit, suggesting an outdoor or well-lit indoor event.

Hvad skal der til?

Politisk vision

En vedtaget politisk vision for digital suverænitet



Hvad skal der til?

Politisk vision



Strategi

**En strategi med inkrementelle planer samt tidshorisont for gennemførelse
af den politiske vision**

Følg eller forklar

Hvad skal der til?

Politisk vision



Strategi



Planer og projekter

Tag ejerskab til alle dele af processerne

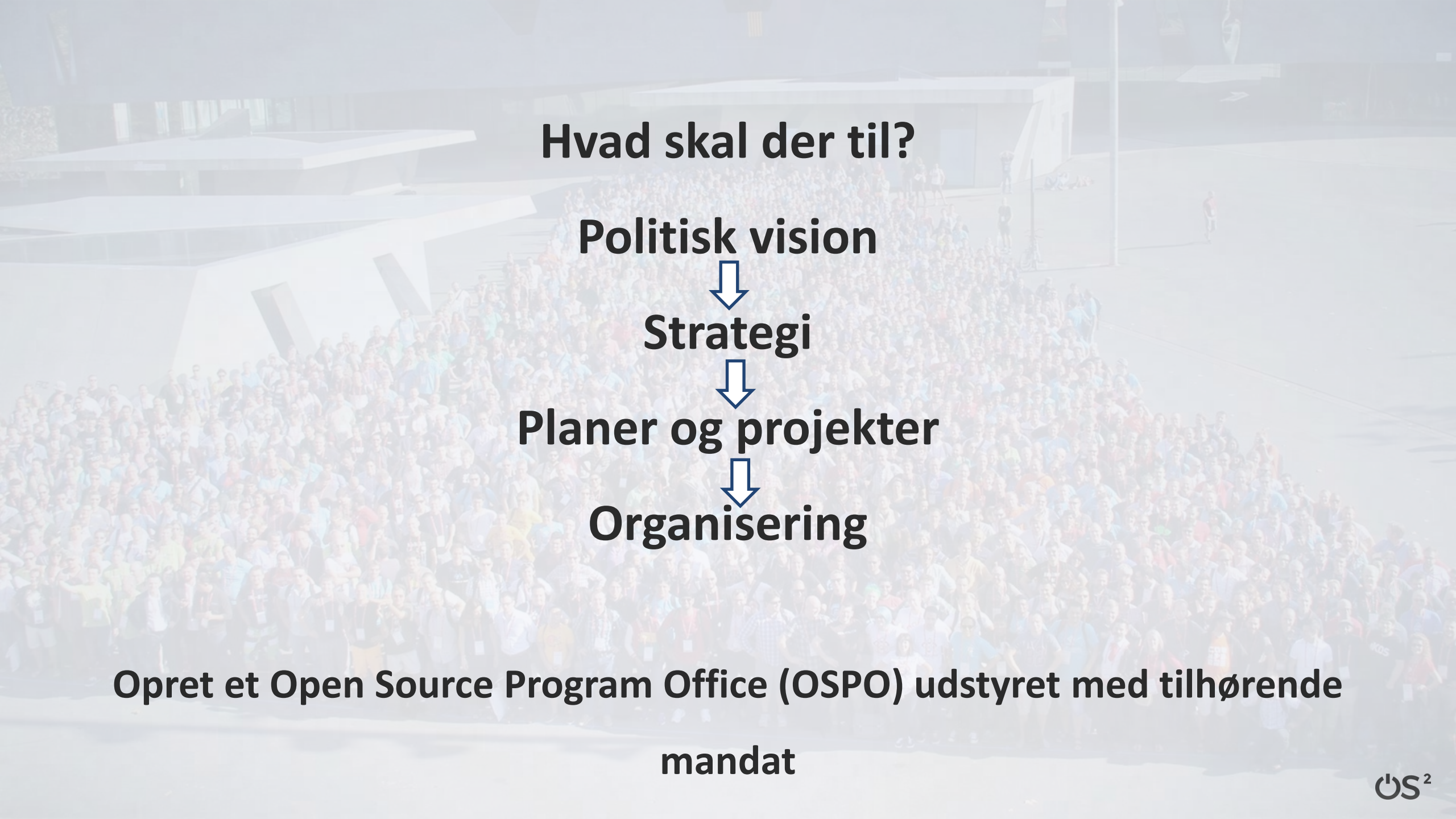
Udvikl kompetencer om arkitektur, open source og licenser

Adskil af udvikling, service/support og drift (ingen leverandør må "eje" delt hele)

Sikre konkret understøttelse med udbud- anskaffelsesmetoder (SKI)

Implementering af "Følg Eller Forklar" model

Fasthold ejerskabet og kompetencerne – også når det bliver lidt dyrere og lidt sværere



Hvad skal der til?

Politisk vision



Strategi



Planer og projekter



Organisering

Opret et Open Source Program Office (OSPO) udstyret med tilhørende mandat

The background of the slide is a blurred photograph of a crowd at a community event. In the upper left, a sign with the word 'COMMUNITY' is visible. In the foreground, many hands are raised in the air, suggesting a celebratory or participatory atmosphere. The lighting is warm and out of focus.

**Kvaliteten af et Open Source produkt afspejler
kvaliteten af den
organisering som står bag!**



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Charlotte Storm Gregersen

**Direktør for Kultur og Borgerservice, Aarhus
Kommune**



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Spørgsmål



FOLKETINGET

Pause



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Ole Kaag Mølgaard

Direktør for Lex.dk

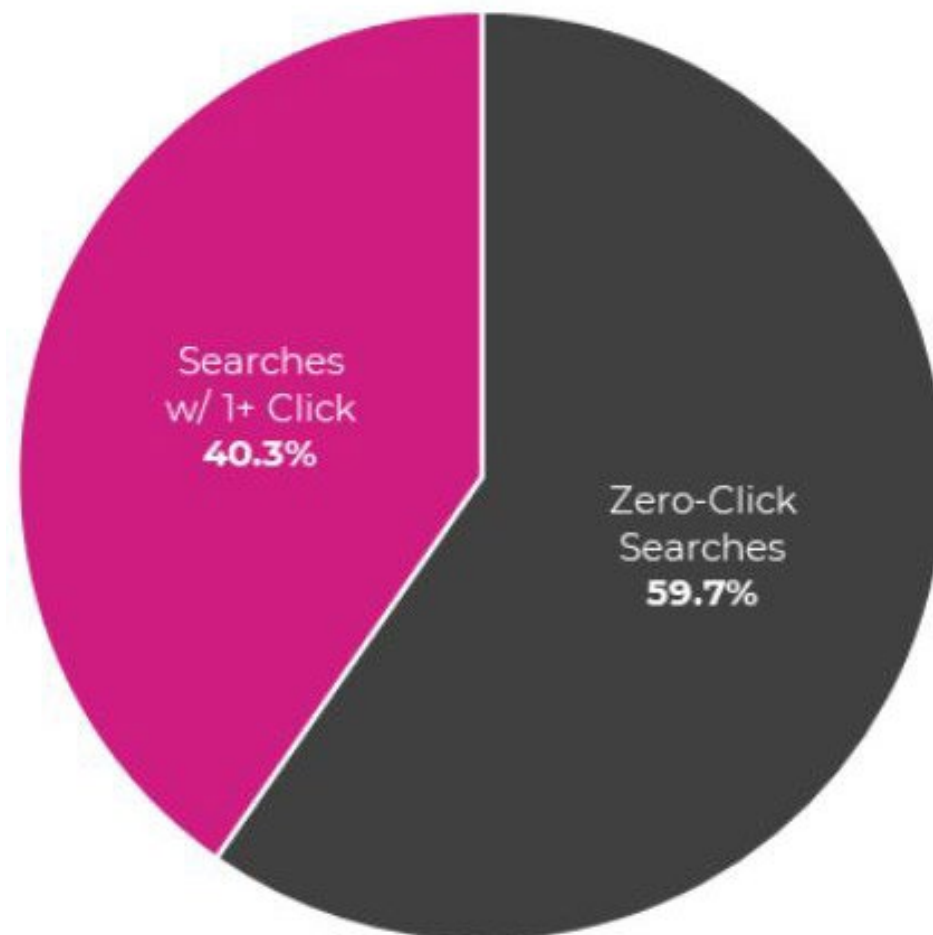


**Danmarks
Nationalleksikon**

**Hvordan kan vi sammen
sikre fri adgang til
troværdig viden?**

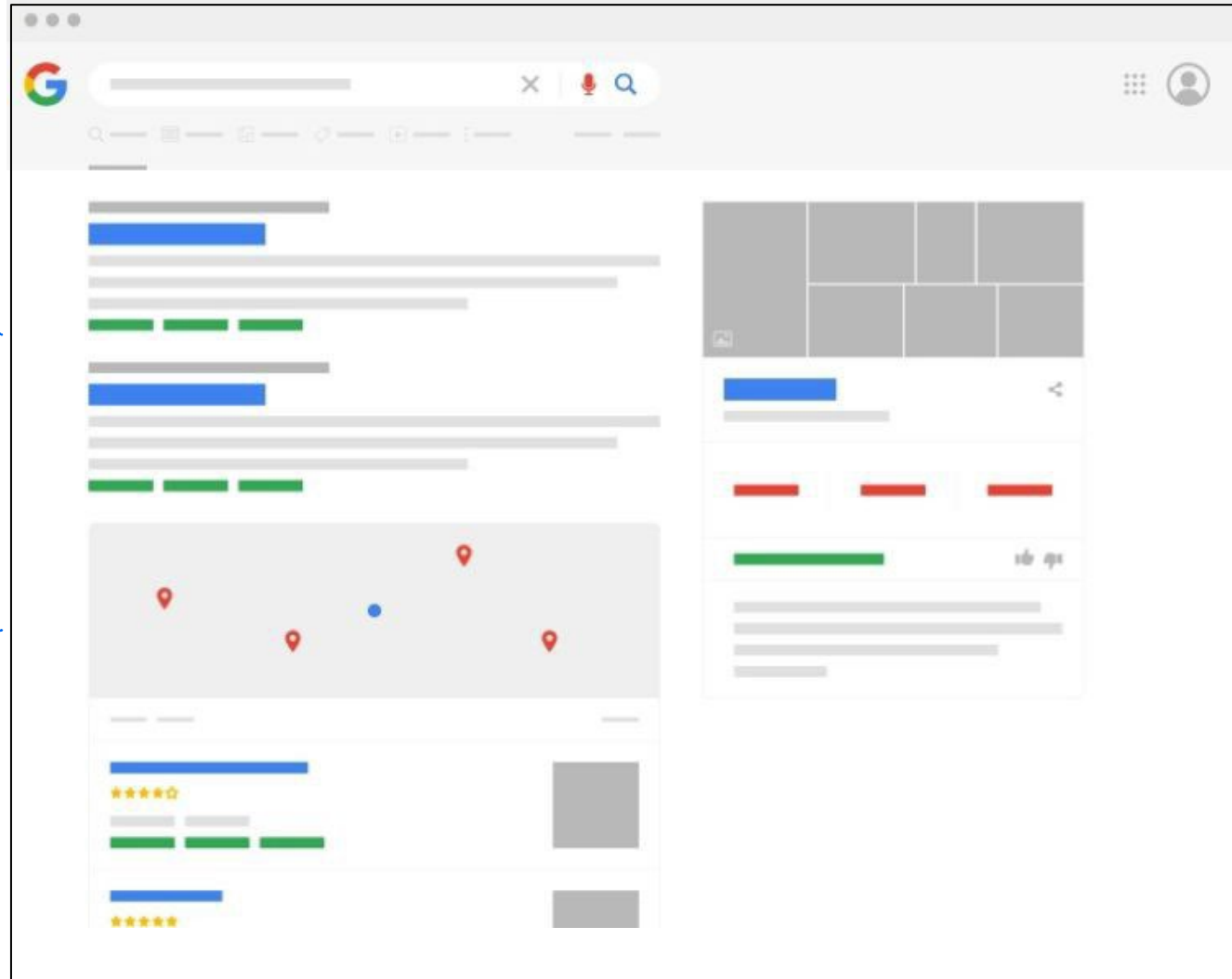
20 mio. besøg i 2024
40 mio. sidevisninger
30 % af befolkningen

- Google har en markedsandel på **93 %** af søgemaskinemarkedet i Danmark (**98 %** på mobil)
- **60 %** af alle Google søgninger resulterer ikke i et klik videre til et website
- Af de resterende søgninger går **24 %** videre til Googles egne produkter, som fx YouTube



Fremhævede uddrag

Kort



Billedgalleri

Knowledge Panel



Hvad kan jeg hjælpe med?

Send besked til ChatGPT



Skab et billede



Opsummer en tekst



Få gode råd



Hjælp mig med at skrive

Mere

Lex chats i arbejdsområdet bruges ikke til at træne vores modeller. ChatGPT kan begå fejl.

?

Google AI overviews

Google    

[Images](#) [News](#) [Religion](#) [Location](#) [Videos](#) [Capital](#) [Currency](#) [Happening](#) [Issue](#) [All filters](#) [Tools](#) [SafeSearch](#)

Generative AI is experimental. Info quality may vary. [Learn more](#)

Palestine is **a nation-state in the Middle East that covers 6,220 km² of land.**  It's located in the Southern Levant region of West Asia.  Palestine shares borders with Israel, Jordan, Egypt, Lebanon, and Syria. The capital city is East Jerusalem, but government administration is temporarily based in Ramallah. 

Palestine is made up of the Gaza Strip and the West Bank. The Gaza Strip is along the coast of the Mediterranean Sea, and the West Bank is west of the Jordan River. 

Palestine is also known as the Holy Land, Canaan, and the province of the Roman Empire in this region. It's called the Holy Land because it's where Jesus Christ was born, preached, and died. 



Country Profile - Palestine...

 palesti...



What are Israel and Palestine?...

May 14, 2018

 Vox



Palestine | History, People,...

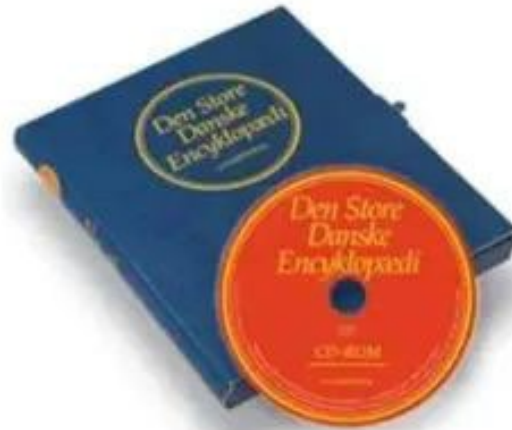
 Britann...

Internettet er gået i stykker

Internettet er ikke længere frit og åbent, og techgiganternes brug af kunstig intelligens kan føre til, at det i stadig højere grad bliver vanskeligt at fremsøge viden, som man kender afsenderen på, og som man kan stole på.

Fremtidens leksikon: Et leksikon man kan gå i dialog med

Et leksikon til tiden



 Danmarks
Nationalleksikon

Log ind 



Velkommen til Lex – Danmarks Nationalleksikon
Flere end 245.000 artikler på dansk, skrevet af forskere og andre fagfolk

Det sker



Pave Frans er død

Pave Frans var pave fra 2013 til 2025. Han var den første sydamerikaner og den første jesuit, der blev valgt til embedet.



Prinsessen på atten

Prinsesse Isabella fylder 18 år den 21. april og fejres i tiden op til selve dagen. Læs om prinsessen, som af sin familie blot kaldes Bella.



Den Amerikanske Revolution

Den Amerikanske Revolution var de amerikanske koloniers løsrivelse fra Storbritannien og oprettelsen af USA som en selvstændig republik. Revolutionen begyndte 19. april for 250 år siden.



Et anvendelsesorienteret forsknings- og udviklingsprojekt

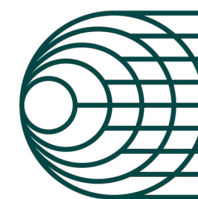


AAGE OG JOHANNE
LOUIS-HANSENS
FOND

Vi har med generøs støtte på 16 mio. kr. af Aage og Johanne Louis-Hansens Fond og Augustinus Fonden etableret et treårigt anvendt forskningsprojekt Center for Humanities Computing ved Aarhus Universitet under ledelse af professor Kristoffer Nielbo.



AUGUSTINUS FONDEN



CENTER FOR
HUMANITIES
COMPUTING

Partnere



Tilmeld dig her, og vær med til at forme Danmarks første pålidelige chatbot





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Anders Søgaard

Professor i kunstig intelligens, Københavns
Universitet



FOLKETINGET

Lotte Østergaard

SVP hos Aeven



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Tobias Fonsmark

Stifter og indehaver af Semaphor



Digital suverænitet via open source

Åben høring d. 8. maj 2025

Tobias Fonsmark
tobias.fonsmark@semaphor.dk





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David Heinemeier Hansson

Iværksætter og stifter af Ruby On Rails



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Morten Kjærsgaard

**Stifter og direktør af Magenta & formand for
Foreningen af Danske Open Source Leverandører**



FOLKETINGET

Spørgsmål



FOLKETINGET

Afrunding v. Lisbeth Bech-Nielsen (SF)

Formand for Udvalget for Digitalisering og It

Digital suverænitet
Folketingets Udvalg for Digitalisering og It