



FÖRSVARSMAKTEN

UNDER ATTACK | David Olgart

14 FEB 2018

#CFD2018

ARTIFICIELL INTELLIGENS

DAVID OLGART

- 👤 Forskning & Teknikutveckling | *Cyber*
- 🏭 Ledningsstaben | Högkvarteret
- 👁️ Ca 20 års erfarenhet från Försvarsmakten
- 🏆 Reservofficer | Försvarsmaktsingenjör
- 🏆 Civilingenjör | KTH D-98
- 📧 david.olgart@mil.se | @DavidOlgart



OMVÄRLDEN

Consider launching a chatbot in 2017? Challenge the hype! - BusinessMannadvisory.com/consider-launching-a-client-facing-ba...

Challenges

Multi-turn, multi-intent, multi-language, natural conversations are currently wishful thinking and still a thought for tomorrow. In the meantime, it's worth considering whether the time is ripe for facing clients with automated chats today. This cannot be taken lightly. It is essential to gain experience with user behaviour and establish a viable strategy on how to tackle conversational

The European Artificial Intelligence Landscape | More than 400 AI companies built in Europe

Publicerat den 31 juli 2017

520 gillar • 42 kommentarer

Gilla Kommentera Dela



China is beating the US in many areas of artificial intelligence, A.I. firm says

- The two largest economies in the world are at the forefront of artificial intelligence development, but the jury is still out on which country is leading the race, said AI start-up GenLife
- China has an edge in terms of government support, but the U.S. leads in areas such as autonomous driving, said Daniel Tu, GenLife's president and chief product and platform officer

Yen Nee Lee | Nancy Hungerford
Published 12:45 AM ET Mon, 8 Jan 2018



AI-teknik tar falska nyheter till ny nivå

Fejkad



00:1:58. De saker som kan öka genomslaget för falska nyheter i framtiden.

UPPDATERAD IGÅR PUBLICERAD 2018-02-07

Stefan Löfven på film i en nazistmarsch, din moster i en porrfilm och du själv fångad som terrorist av en övervakningskamera



Security, AI and More

https://www.ccsinsight...

In our past articles, researchers have regularly cited security as a major barrier to mobility and an overriding challenge in a range of businesses. This time, there was an even sharper focus on the theme, reflecting the awareness of IT leaders in the wake of several high-profile security breaches that took place in Q4 2017, including Equifax and the WannaCrypt ransomware attack. It's also indicative of critical regulatory changes that are expected to take effect in 2018, and that'll be expected to present for the 2018 Security Best Practices Report, which is set to be published in May 2018.

Early But Important Steps for Artificial Intelligence in the Workplace

For the first time, our survey looked at attitudes to and experiences with artificial intelligence, including some interesting findings that found that artificial intelligence is beginning to get operational traction among the companies we surveyed, with 38 percent of respondents reporting their company is currently either using, testing or implementing, or evaluating the technology for deployment in their business.

Companies are also showing an appetite to spend money on artificial intelligence. When we asked those companies with plans for investment, over 63 percent said they expect to make further investments in this technology in the next 12 to 18 months across the coming two years, and if current of companies currently researching the use and they have to date for further investment in artificial intelligence.

When asked what were the leading uses or applications of artificial intelligence at work, IT hours listed operational call center automation as the top focus area, cited by 23 percent and 21 percent of businesses, respectively (see below).

Leading Uses of Artificial Intelligence in the Workplace


CCS Insight Decision-Maker Mobile Technology Survey, 2017

Operational call center automation	23%
IT automation	21%
Productivity	18%
Software development	14%
Marketing	13%
Predictive maintenance	12%
Sales	11%
Chat bots	10%

The results give early signs of where artificial intelligence will take most mobile organizations. They also confirm that while security remains the top IT priority, it's moving further off of critical to artificial intelligence and emerging IoT fields such as a help desk support function and system optimization.

As our Predictions for 2018 and Beyond event in November 2017, we predicted that operational call center automation would be the most widely used of artificial intelligence in November 2018. We believe that this will be the case, and we're looking to deploy the technology to help address skill shortages and to proactively deal with a rise in business help posed by the growing threat to its data.

Mobile and Cloud Apps Continue to Accelerate



The Battle of AI Processors Begins in 2018

DesignNews

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The Battle of AI Processors Begins in 2018

2018 will be the start of what could be a longstanding battle between chipmakers to determine who creates the hardware that artificial intelligence lives on.

by Chris Wiltz in Electronics & Test, IoT.



Artificiell intelligens är ett brett begrepp - hur definierar ni på FOI det?

– Jag tror det gäller att plocka ner det från den här hajpgröjan. Vi definierar AI som intelligens som uppvisas av maskiner, sedan bryter vi ner det till en dators förmåga att förstå, analysera och reagera på omgivningen.

Det är förstuds höjt i dunkel vad morgondagens projekt är, men för att förstå vad de framtida projekten på FOI som riktar sig till Försvarsmakten går ut på måste man veta vad de rullande projekten handlar om. AI forskarens...

↓ Hon ska göra Norden lungdlogiskt - här är vec...



Nu ska Försvaret storsatsa på AI

ComputerSweden

Av: Mattias Malmqvist 2017-05-29 06:01

Efter en genomlysning av Försvarets forskning och utveckling står det klart att AI måste prioriteras upp. Forskningsinstitutet FOI räknar med en kraftig ökning av AI-uppdrag och söker med ljus och lykta efter specialister.




4. Artificial intelligence and automation will transform cyber jobs.

The massive amounts of data generated across entire company enterprises has led to a lot of discussion about the adoption of machine-learning algorithms and sophisticated A.I. systems. While the push for security automation does remove many aspects of human intervention, the fear that it will eliminate the need to fill security jobs is unfounded. What is not unfounded, is the fact that automation will change the kinds of skills security professionals will need to succeed in this new environment. Entry level technical jobs will become

80 gillar • 7 kommentarer

Gilla Kommentera Dela




Putin says the nation that leads in AI 'will be the ruler of the world'

THE VERGE

The Russian president warned that artificial intelligence offers 'colossal opportunities' as well as dangers

By James Vincent on September 4, 2017 4:53 am

Twitter Facebook LinkedIn



AI har lärt sig skriva trovärdiga fejk-recensioner

Forskare vid University of Chicago har lyckats träna ett neuronnett att skriva recensioner av restauranger som ser helt autentiska ut, det vill säga som om de vore skrivna av riktiga besökare. Forskarna menar att recensionssajter av olika slag därmed går en framtid till mötes där de praktiskt taget är helt oanvändbara. Forskarna AI har skrivit fem fejkade recensioner för 40 olika restauranger på Yelp. Och inte nog med att recensionerna ser helt äkta ut, de har dessutom fått högre hjälpsamhetsbetyg av besökarna än vad mänskliga recensioner får i snitt.

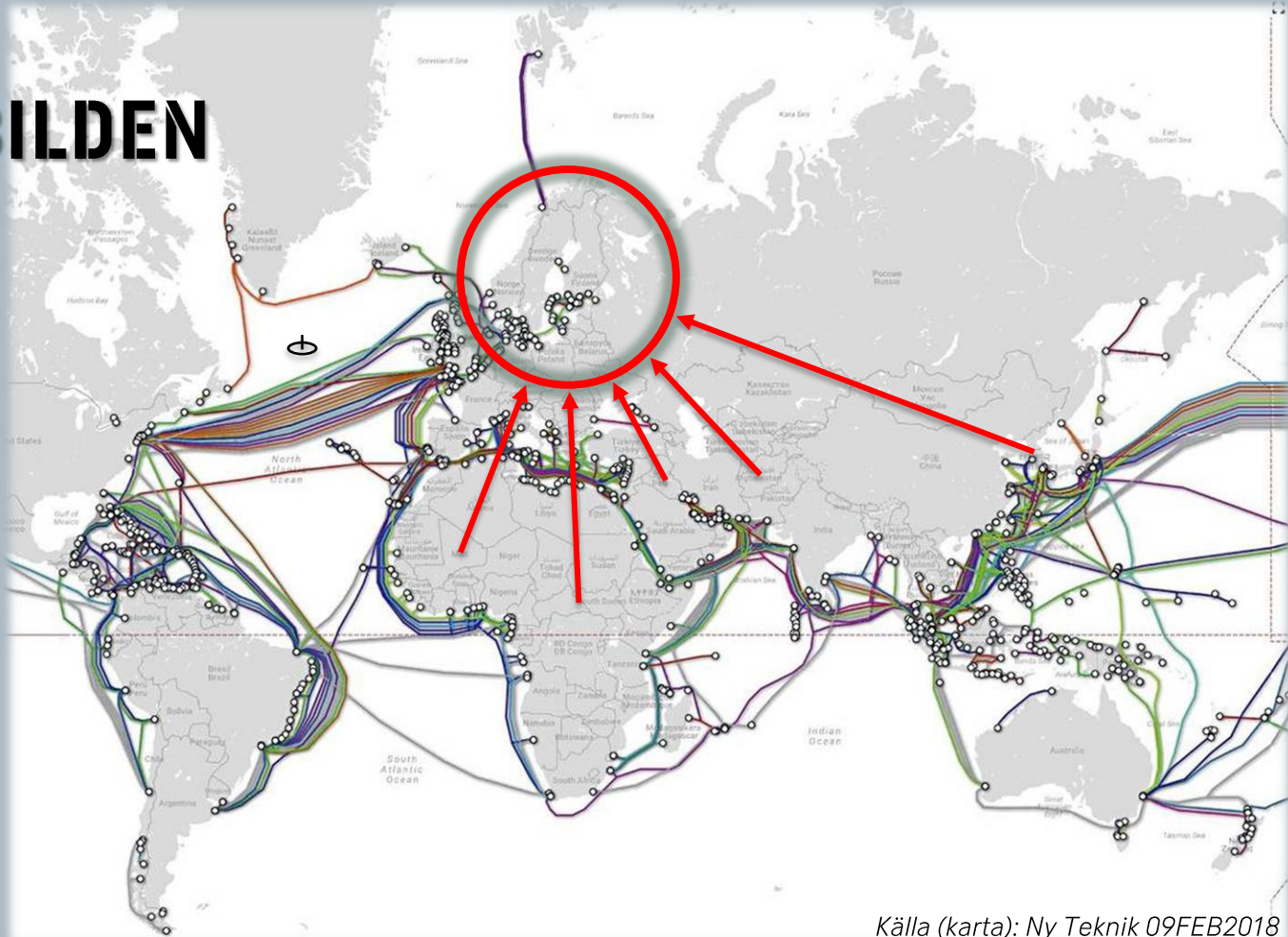
Annons



Probably the best beer in the world



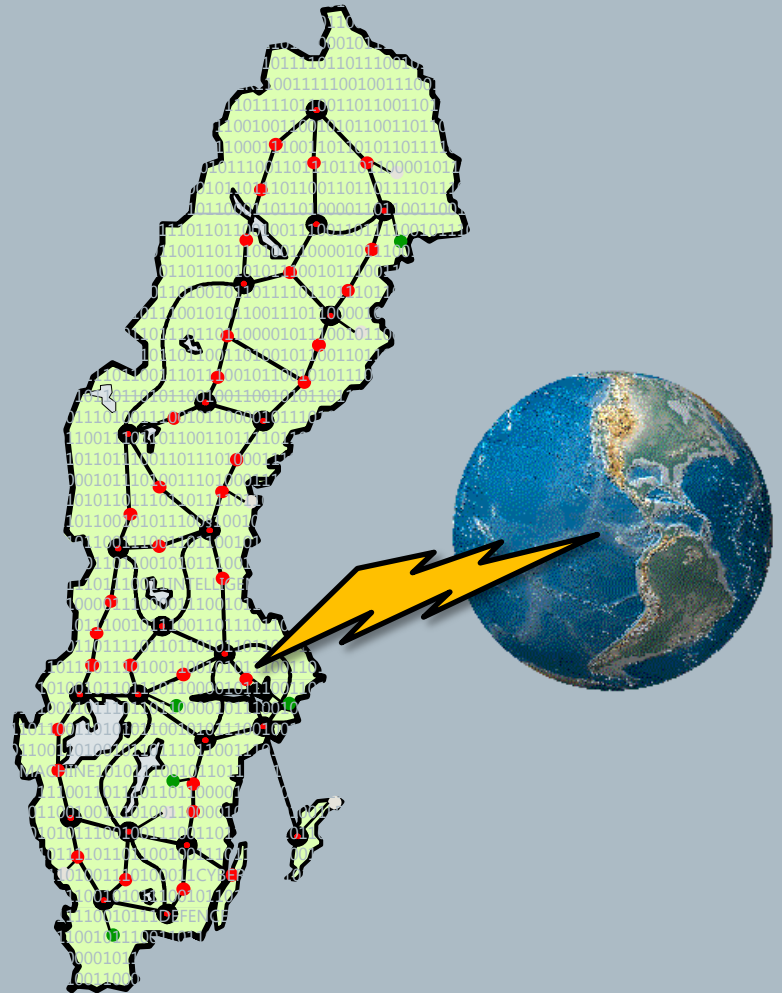
HOTBILDEN



CYBERFÖRSVAR

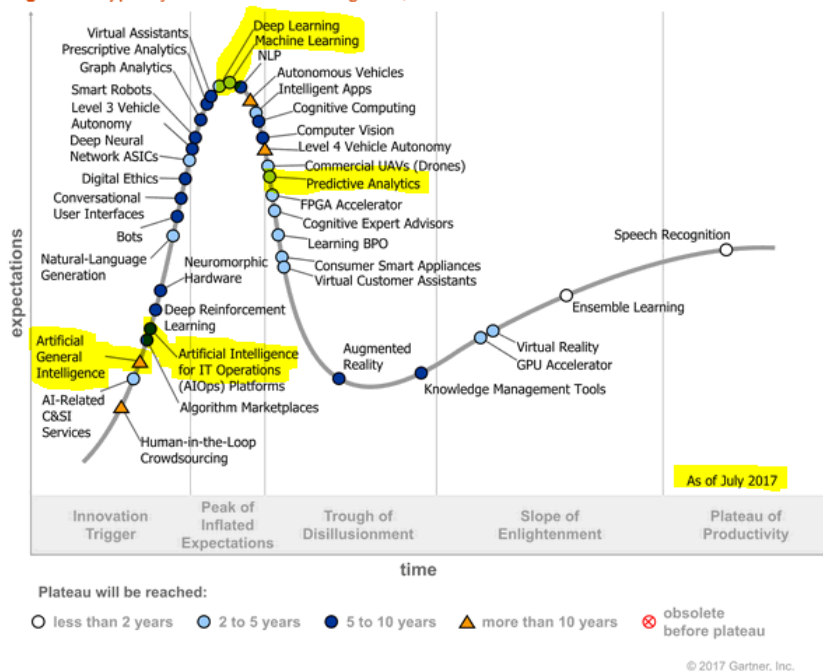
#tröskeleffekt

Försvarets cyberförsvaret utgörs av **den samlade förmågan** och åtgärder, i såväl offensiva som defensiva, till **skydd** för **Försvarets informations- och ledningsstödsystem** som syftar till att **säkerställa funktioner** samt förmågan att **försvara sig mot kvalificerade angrepp**.



ARTIFICIELL INTELLIGENS

Figure 1. Hype Cycle for Artificial Intelligence, 2017



Source: Gartner (July 2017)

Välj alla bilder med **vågar**
Klicka på Verifiera när det inte finns några kvar.

BEKRÄFTA

show me pictures of cars and no elephants

Alt Bilder Shopping Kartor Videor Fler Inställningar Verktyg

Ungefär 16 900 000 resultat (0,83 sekunder)

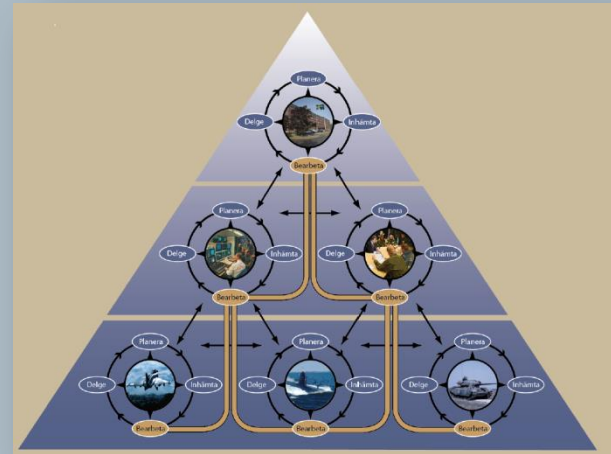
Bilder på pictures cars and no elephants

Fler bilder för pictures cars and no elephants

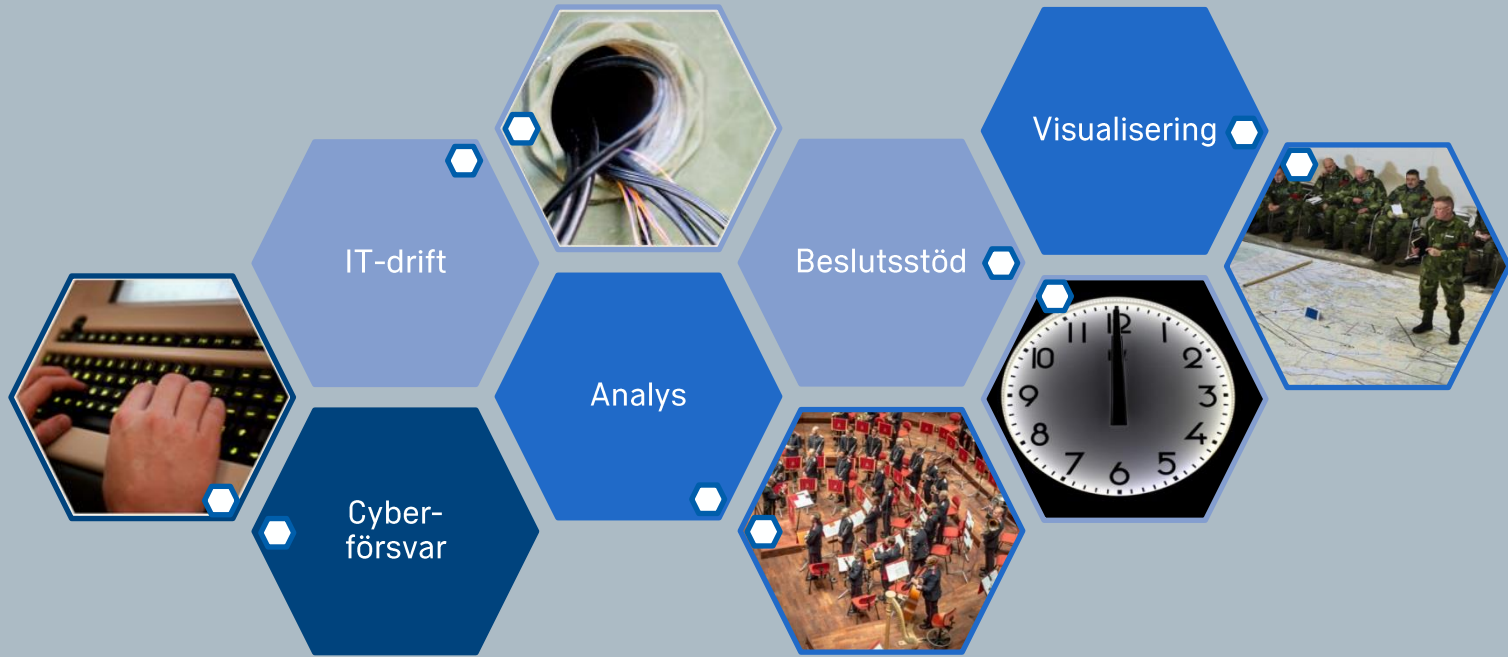
Rapportera bilder

UTMANINGEN

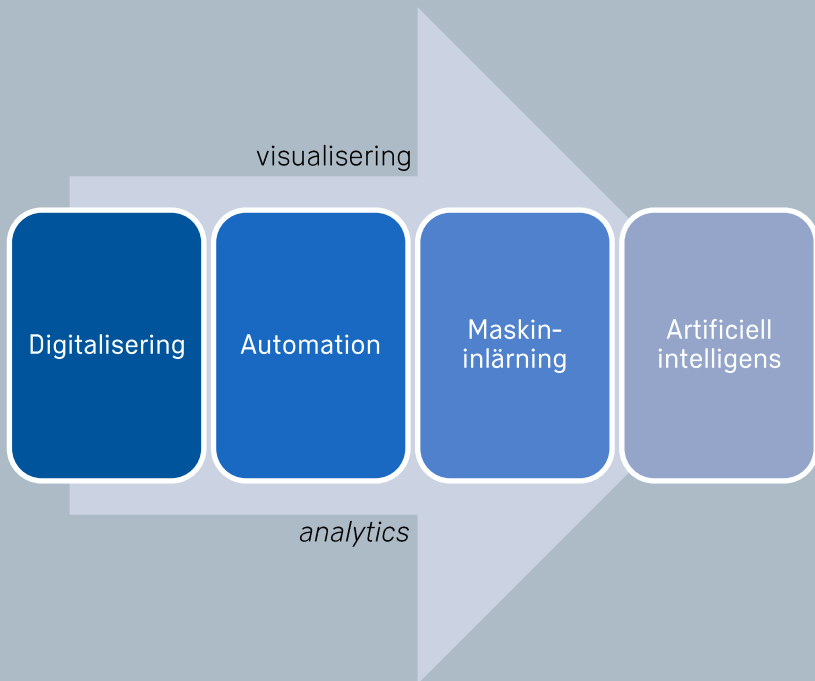
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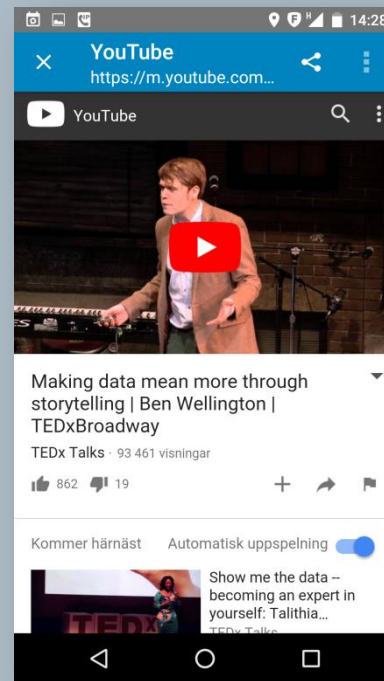
BEHOV



KONSEKVENSER



#trovärdighet



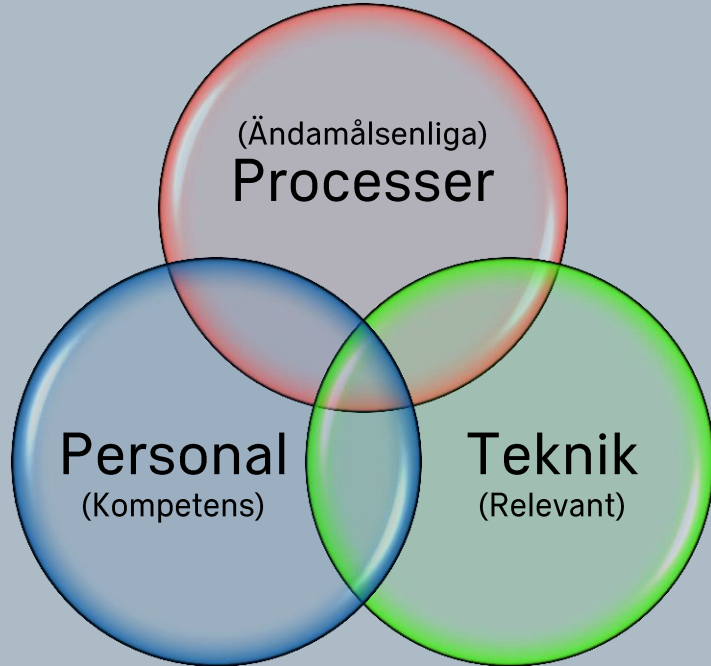
"The risk of failing is great, but the risk of enterprise obsolescence or noncompetitiveness in the digital business era is even greater."

"Winners will begin AI programs incrementally – with risk mitigation strategies & techniques in place – but will commit resources for a long game."

Gartner, juli 2017

VÄGEN FRAMÅT

#tillsammans



HUVUDSTUDIE LEDNING
Delrapport 2017



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