



Statistics Sweden

Statistiska centralbyrån



Open Data and Digital Innovation Krakow

16 October, 2014

Cecilia Westström

Statistics Sweden



Hackathon – what is it

- Invite IT developers/students and data journalists to an event to create services and applications from open data
- Usually over a weekend with a jury and prizes



Hack for Sweden

- An increasing number of state agencies cooperating to arrange hackathons under the name *Hack for Sweden*
- Aim:
 - Stimulate and widen the use of our data
 - Find new areas for use of open data
 - Reach new users
 - Stimulate and support state agencies to provide open data



Hack for Sweden 15-16 March 2014

- Event weekend with almost 75 participants in 21 teams
- Lasted for 30 hours (including one night)
- Location: Swedish Environmental Protection Agency in Stockholm
- The setup
 - Introduction with inspiration speaker
 - The teams work (food is served)
 - Consultations with experts from agencies
 - Presentations by the teams after 24 hours
 - Award ceremony with motivations from jury
- Well-known jury
 - Four persons, entrepreneurs, open data people



Communication

- Web site
 - The base for our information
 - Information about all the data
 - Registration for the teams
- Facebook
 - Communication
 - Sharing
 - News during the period before the event
 - Storage for pictures from the event



Communication (cont.)

- Twitter
 - Questions
 - News from the period before the event
 - Sharing
 - Communication during the event
- Youtube
 - Films from the event (stakeholders, winners)
- E-mail
 - Questions
 - Information to participants



Communication (cont.)

- Press releases
 - Invite to event
 - Inform about winners
- Agency web sites
 - Inform agency users
 - Draw attention to winners



Fully booked!

 **Hack for Sweden** har delat en länk
den 18 februari • Har redigerats

Tack för alla anmälningar! Hack for Sweden nu fullt och vi är överväldigade av det stora intresset. Idag öppnar vi anmälningsskyltet igen för att skapa en reservlista. Det går att anmäla sitt lag till reservlistan fram till kl 13.00 tisdagen den 25 februari. www.hackforsweden.se/anmalan




Focus on social media during the event



Hack for Sweden
den 15 mars

Inspirationstalare Gustaf Josefsson sätter fart på deltagarna!



Gilla · Kommentera · Dela


27 personer gillar detta.

Skriv en kommentar...

Mia Vallberg - "I solemnly swear to hack4swe"
Gilla · Svara · den 15 mars kl. 11:19

Hack for Sweden
den 15 mars

Naturvårdsverkets lokaler är fulla av hackers! #hack4swe



Gilla · Kommentera · Dela

26 personer gillar detta.

Skriv en kommentar...

David Hall Heja, Jens!
Gilla · Svara · den 15 mars kl. 11:49



Direct on Youtube for dialog and documentation



Interest from media

SCB

Statistics Sweden

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 **Hack for Sweden** har delat en länk
den 27 februari · Har redigerats

- Ganska fantastiskt faktiskt, säger programledaren i P4 Morgon Västernorrland om Hack for Sweden, och intervjuar projektledare Cecilia Westström! Lyssna ca 2:25 in i klippet.



Lyssna: Med TullaMaja, Peter och Niklas

Hör av dig med kommentarer, uppslag eller synpunkter direkt till studion via godmorgon@sverigesradio.se

 **Hack for Sweden** har delat en länk
den 14 februari

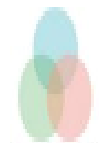
Hack for sweden i Ny Teknik.

- Vi vill att data som finns hos myndigheterna ska komma till användning. Det är en mindre skatt som finns gömd där, säger Cecilia Westström, projektledare för Hack for Sweden.

NyT

Chans att kläcka bästa mobiltjänsten
www.nyteknik.se

I mars startar det första Hack for Sweden. Då kan du bli den som kommer på den bästa nät- eller mobiltjänsten med hjälp av svensk myndighetsdata.



(FOR SW)

Hack for Sweden @HackForSweden · 16 mar

DN skriver om vinnarna! #hack4swe mobil.dn.se/ekonomi/krisap...

Visa

Svara Radera Favoritmarkera Mer

 **Hack for Sweden** har delat en länk
för 16 timmar sedan

Nu börjar reportagen trilla in! Jusektidningen skriver: "Vad får du om du parar 13 myndigheter med 80 programmerare instängda i en lokal i 48 timmar? Ökad demokrati och massor med samhällsnyttiga webbtjänster (...)"

nonsera i Jusektidning
Klicka här för information

Hackathon lockade myndigheter och utvecklare
jusektidningen.se

Vad får du om du parar 13 myndigheter med 80 programmerare instängda i en lokal i 48 timmar? Ökad demokrati och massor med samhällsnyttiga webbtjänster, om du frågar arrangörerna bakom Hack for Sweden.

New "ambassadeurs"

retweetad av Hack for Sweden

Heiti Ernits @Heiti_Ernits · 16 mar

Prova vår RISKapp live risksim.herokuapp.com #hack4swe

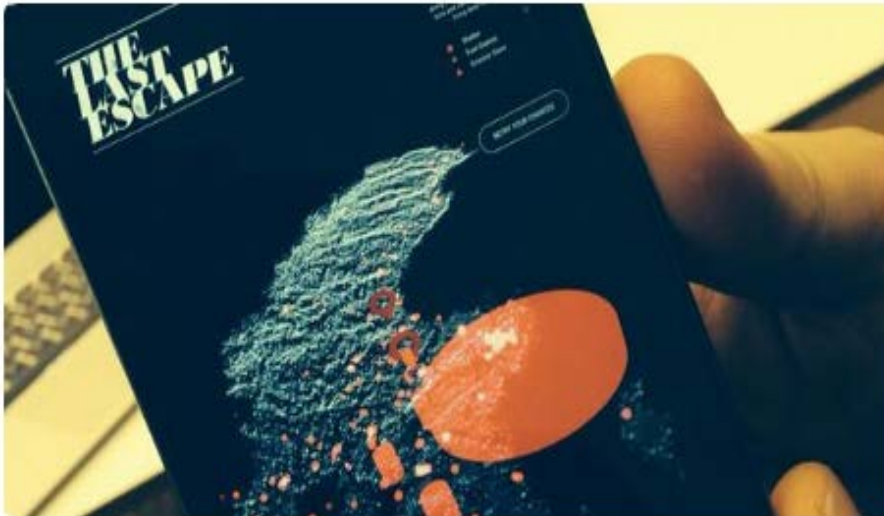
Visa

↩ Svare ↻ Relweeta ★ Favoritmarkera *** Mer

retweetad av Hack for Sweden

Zaidin Amiot @zr0z · 16 mar

Result of our hackaton's hard work! #hack4swe pic.twitter.com/Lm8luouLp0



Hack for Sweden

för 21 timmar sedan

Vinnarna har utsetts! Hack for Sweden Award går till Ge0hack3rs! Se vinnarna i alla kategorier på www.twitter.com/hackforsweden!



New arenas

 retweetad av Hack for Sweden



Computer Sweden @ComputerSweden · 17 mar

Här är vinnarna i @HackForSweden computersweden.idg.se/2.2683/1.55174...

Visa

 Svara  Retweeta  Favoritmarkera  Mer

 retweetad av Hack for Sweden



Kristofer Sjöholm @KristoferSjholm · 16 mar

Jurykollegan Jonas Lejon har bloggat om Hack for Sweden och svåra juryarbetet utvbloggen.se/jury-till-hack... via @jonasl #hack4swe #hackathon

Visa

 Svara  Retweeta  Favoritmarkera  Mer

 retweetad av Hack for Sweden



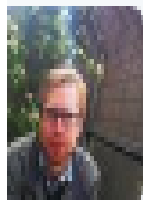
Innovationsstrategi @svnatinnostat · 18 mar

Gästbloggare Pernilla Rydberg skriver om @HackForSweden: naringsbloggen.se/innovation/gas... #snis

Visa

 Svara  Retweeta  Favoritmarkera  Mer

Important users and stakeholders



Love Hansson @LCHansson · 19 mar

@emomilol Ja. #hack4swe var ett av de mest proffsiga myndighetsevent jag har sett. Dessutom mkt roligt och inspirerande. ÅK nästa gång!

Visa konversation

Svara Retweetad Favoritmarkera Mer



retweetad av Hack for Sweden



Jonas Lejon @jonasl · 17 mar

Hack visar vägen för öppnare myndigheter - ziggysays.com/2014/03/hack-v...
via @ZiggyCC #hack4swe

Visa

Svara Retweeta Favoritmarkera Mer

The result

- Close and direct contacts between experienced IT developers and agency experts
- Good media coverage (more than 30 articles)
- Good coverage in social media
 - 400 likes on FB
 - 240 followers on Twitter
 - Youtube, films were shown 1 400 times
- Better cooperation between agencies and common awareness of open data issues
- Some nice apps



The entries

- All 21 teams hold a presentation
- Four minutes each
- Only a few had full scaled services but many interesting ideas and presentations



The winners

- **Hack for Sweden Award**

Poison diffusion simulator showing the consequences of poison diffusion in water and soil

- **Best visualization**

"The government of your block" – what party the government would represent according to the election result in your home block

- **Best business use**

Combining sensor data with agency data to minimize farmers' risk (agriculture)



The winners (cont.)

- **Best public use**

A web service for anyone to register plants, animals and mushrooms.

- **Best crisis app**

Shows the user the way to the closest safety room

- **Special price from the Jury**

For sailors to find the next safe harbour



<http://bytplats.binbop.se/>

- Find the best community with respect to
- inhabitants
- income
- taxes
- satisfaction
- house prices
- political dominance

The screenshot displays the 'Byt plats' (Change location) website interface. At the top, there is a search bar with the text 'Byt plats' and a shopping cart icon. Below this, a series of filters are presented in a grid format:

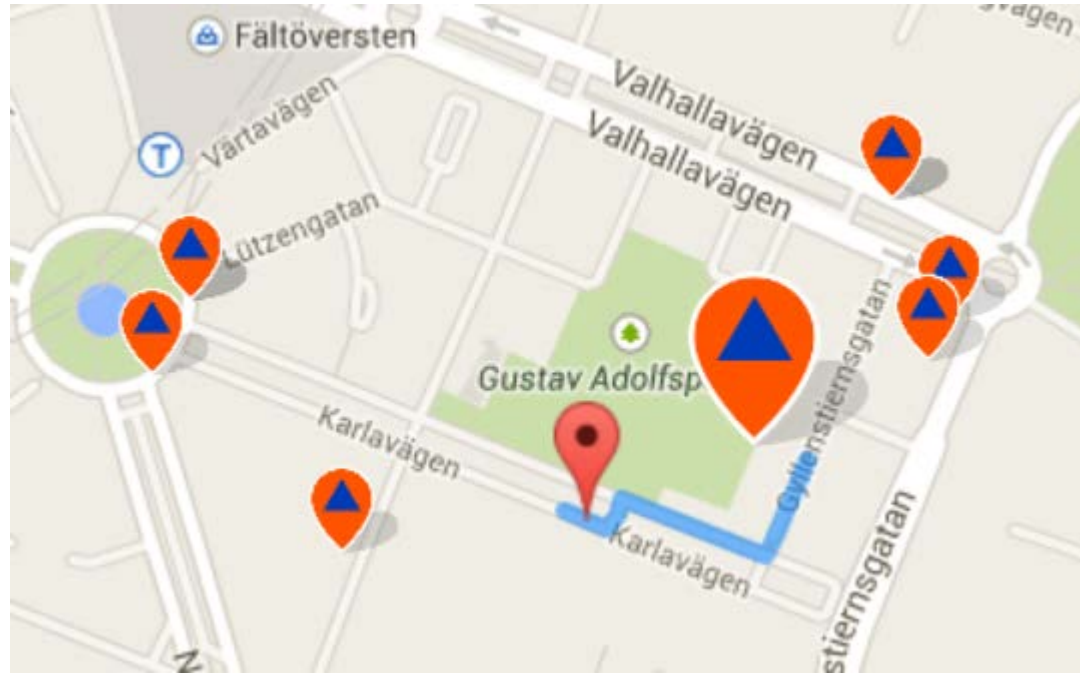
- Antal invånare:** Range from 2,436 to 897,700.
- Medelinkomst:** Range from 17,533 to 40,875.
- Kommunalskatt:** Range from 29 to 35.
- Medborgarindex:** Includes checkboxes for Grundskola, Förskola, Idrott- och motionsanläggningar, Mjörbete, Tillgänglighet, and Gång- och cykelvägar.
- Rött/blått:** Includes checkboxes for 'Mer rött än riksnittet' and 'Mer blått än riksnittet'.
- Bostadrättspriser:** Range from 0 to 2,632,550.
- Villapriser:** Range from 0 to 7,521,360.

On the right side of the filter grid, there is a map of Sweden with a red dot indicating the selected location. Below the filters, there is a search bar with the text 'Välj specifik kommun', a 'Slumpa' button, and a 'Visa alla' button. Below the search bar, there is a section for 'Visar 290 av 290 kommuner' with a 'Sortera' dropdown menu set to 'Befolkning'.

The results section shows two entries: Stockholm and Göteborg. Each entry includes a location pin icon, a 'Ladda karta' button, a population icon, a 'Medborgarindex' icon, a 'Ladda väder' button, and a bar chart showing two percentages (41% and 53% for Stockholm, 44% and 49% for Göteborg).

www.hittaskyddrum.se/

- Find your closest safety room



Economy

- Innovation agency in Sweden financed with € 20 000 kr
- The arranging agencies together sponsored a similar amount plus the worked hours for planning
- External costs
 - Food
 - Prices
 - IT equipment and installation
 - Event stuff
 - Jury
 - Speaker



Hack for Sweden 2015

- 14-15 March in Stockholm
- More focus on stimulation contacts between IT developers and agency experts
- We would like to increase the number of agencies

- *Hack for Sweden Award*
 - Best combination of data in a creative way
 - Best and most innovative application
 - Clearly demonstrate the benefit
 - Use data from several agencies



Organization

- Two groups (new from this year)
 - Arranging agencies (six)
 - Partners (seven or more)
- Project lead group
 - Project leader
 - Ass. Project leader
 - Mentor
- Arranging agencies meet every months
- Partners two times?



Cooperation

- Started as a initiative from geodata government agencies
- No strict cooperation documents
- Unformal
- Group decisions
- First year: money by asking
- Now: entrance fee
- Semi-formal acceptance of project leader and financial transactions
- Important to have different competence in the group



Agencies in Hack for Sweden

Arranging agencies

- The Swedish mapping, cadastral and land registration authority
- Swedish Environmental Protection Agency
- Swedish Meteorological and Hydrological Institute
- Geological Survey of Sweden
- Statistics Sweden
- Swedish University of Agricultural Sciences

Partners

- The National Board of health and Welfare
- Swedish Agency for Growth Policy Analysis
- Swedish Civil Contingencies Agencies
- Swedish National Heritage Board
- Swedish Agency for Marine and Water Management
- Organisation for common database for data from local gov. (RKA)
- Swedish Forest Agency



What did we learn

- It is possible for 13 gov agencies to build an event and a brand
- It is possible to succeed without lots of money and lots of formalia
- Many competencies are needed
 - IT, data format, open data
 - Communication
 - Social media
 - Project leading
 - Practical event handling
- A jury from the branch is important



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Hackforsweden@lm.se

