ARBETSFÖRMEDLINGEN
SWEDISH PUBLIC EMPLOYMENT SERVICE

Hack for Sweden

Final report 2019-10-01

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SWEDISH PUBLIC EMPLOYMENT SERVICE

Employment Service
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Contents

1   The mission

In the government decision Fi2018/01235/DF, the Swedish Public Employment Service was commissioned to be the project manager for Hack for Sweden 2018 and 2019, and to submit a final report for the project no later than October 1, 2019. The final report shall contain an account of the assignment and an account of how the participants in the hackathon experience the availability of various data sources, as well as any difficulties that the participants have had in accessing and using the data available.
Arbetsförmedlingen must also report on how the forms for promoting data-driven innovation can be developed. A final report for Hack for Sweden 2018 and 2019 must be submitted by 1 October 2019.

2   Summary

Hack for Sweden has become Sweden's new platform for citizen-driven innovation and over 95 authorities and companies are now working together to promote innovation through open data. As part of the process of further developing the public sector with the help of digitalization, the Swedish government has put a focus on open data and citizen-driven innovation by allowing the public sector, academia and business to collaborate and interact in new ways. Through open data and citizen-driven innovation, more people than ever can contribute to our common welfare and together we can build the society we dream of.

The effects we see from the work with Hack for Sweden over the last two years are summarized below:

- Hack for Sweden has created valuable links between all parts of the Swedish innovation ecosystem (government, municipalities, businesses, civil society and academia).

- Hack for Sweden has created collaborations and exchange of ideas between several different authorities and other public activities.

- Hack for Sweden has created a platform and community where citizens in Sweden are included in innovation around the welfare system and packaged it in a clear brand - Hack for Sweden.

- Hack for Sweden has put Sweden on the world map as an example of how to involve citizens in innovation and development of welfare.

- Hack for Sweden has, in a completely new way, invited citizens to be "part of" the state administration and showcased a modern state administration where the possibilities of digitalization are in focus.

- Hack for Sweden has trained and enabled participating authorities to make their open data available.

- Hack for Sweden has helped to stimulate innovation in participating authorities through training, workshops and events.

3   Background

Hack for Sweden started as a hackathon (a competition) organized by a number of authorities in 2014. The aim was, and is, to stimulate and broaden the use of open data by organizers and partners. With the help of the competition participants' innovative ability and use, or combination, of different open data, new areas of use and new target groups can be reached. A further intention is to stimulate and provide support in the authorities' continued work to make more open data available.

Hack for Sweden's core event is still a government-organized hackathon that was held in April 2018 and 2019 for the fifth and sixth consecutive year. The task for the contestants was to create a new solution or service with the inclusion of authorities' open data within 48 hours. The aim was to get input on formats and descriptions of data that users need to innovate services, products and methods for societal development. The result is good - the authorities' work with open data has, through this collaboration and exchange of experience, been given a real boost and more authorities have made more open data available as well as dialogue on the format and quality of the open data that has been available.

4   Events carried out in 2018 and 2019

4.1   Hackathons during the project period

4.1.1   Hack for Sweden 2018

The 2018 hackathon, which took place at Norrsken House in Stockholm, attracted a total of 220 participants. Due to the capacity of the venue, the project management had to turn down about 30 hackers. 125 government officials from the 30 authorities participating in Hack for Sweden and contributing their open data were also present during the hackathon to answer questions from the hackers about their own open data. This took place in the special exhibition area for the authorities.

The winners of the five categories were offered 40 000 SEK in prize money if they could present the project management with an acceptable implementation plan for their solution. Four of the five winning teams did so and thus received the prize money.

The fifth team gave up the prize money in favor of another team that was a finalist in the hackathon.

In addition, the winning teams were paired with one of Hack for Sweden's innovation hub partners - Ericsson Garage, SSES and The Park. Together with representatives from Upphandlingsmyndigheten, Tillväxtverket, Arbetsgivarverket and the authority whose open data the team built its solution on, a collaboration was set up around each winning team to create the best possible conditions for realizing the winning solution. 2018-10-01, three of five teams had a finished prototype and one team had also started negotiations to sell their prototype to an interested authority.

The 2018 jury created Hack for Sweden's Advisory Board, which consists of six multi-competent people from different parts of the business community and the public sector in Sweden. The Advisory Board's task is to support the development of Hack for Sweden and has an advisory function.

4.1.2 Hack for Sweden 2019

In the 2019 hackathon, which took place at Älvsjömässan in Stockholm, a total of 420 people participated in 77 teams - with great diversity in terms of skills, background, age and gender. A breadth never before seen at a hackathon in Sweden. A total of 70 partner organizations were present in the nearby exhibition with a stand and 30 partner organizations actively participated with lectures, panel debates and workshops for other partners and with preparatory workshops for the hackers. In total, 580 partner representatives were present during the hackathon days.

In total, 96 partner organizations participated in Hack for Sweden's community in 2019:
- 41 authorities and 3 municipalities, 52 companies/other organizations

All the teams competed in the following six categories (the most data mature areas in Sweden right now according to Gartner's June 2018 report "A Report for the Swedish Government Offices - Open Data and Data-driven Innovation").

1. Traffic
2. Environment, nature and geography
3. Labour market
4. Industry
5. Health
6. Research and education

The overall jury consisted of six jury groups with expertise from both the public and private sectors, one for each category. The winner in each category was selected by the respective jury group and the main winner of the Hack for Sweden Award was selected by the Hack for Sweden Advisory Board.

The winning teams are presented on https://hackforsweden.se/winners (where you can find contact details, presentations, what the solution is about, which open

data they used, justifications etc. for all gold, silver and bronze winners in all categories).

The winners of the six subcategories were offered 30,000 SEK in prize money if they could present the project management with an acceptable realization plan for their solution. The winner of the overall Hack for Sweden Award was offered 50,000 SEK. Just like last year, a collaboration was set up around each winning team to create the best possible conditions for them to realize their winning solution.

Five of the six winning teams are now progressing from idea to realized solution. The winning teams have all been offered co-working space by The Park, advice/consulting by Goal Envision on goal management and advice on future financing by Enablers. In addition, matching has taken place from, among others, the Startup generator Antler regarding participation in their program, which one of the winning teams qualified for.

Hack for Sweden also supports the teams with contact persons to various authorities whose open data is in demand and to other partner companies that in some way can contribute to the winning ideas becoming real solutions and thus implemented in the Swedish innovation system.

At present, all solutions are still under development and in various stages of product development.

In addition to support via Hack for Sweden's Partner Community, all teams have also received invaluable marketing through the opportunity to attend various events during the spring and fall to present their respective solutions.

4.2   Other events carried out during the project period

To create interest and support public organizations and companies to open up their data, and to promote Hack for Sweden and citizen-driven innovation, Hack for Sweden has participated in a number of events throughout the project period.

In addition to the presence of a digital installation at fairs and events, there is a website where interested citizens can contribute input to the challenges that the hackers will work on during Hack for Sweden 2019.

In addition to physical presence, Hack for Sweden has also invested in a strong presence in social media, primarily LinkedIn, Instagram and Facebook, but also Twitter and YouTube. Hack for Sweden's website www.hackforsweden.se and MyNewsDesk have also been used for communication.

4.2.1 Other events held in 2018

a) Offentliga rummet - conference for a smarter welfare with a focus on the digitalization of the public sector organized by SKL in collaboration with the Government Offices, Vinnova and DIGG. Hack for Sweden participated in the exhibition with a stand to spread information about Hack for Sweden.

Sweden, the benefits of open data in the public sector and with the stated purpose of recruiting more members to the Hack for Sweden community (authorities, municipalities and other public organizations).

b) Almedalen July 6 - full-day event in Almedalen with the aim of spreading information about Hack for Sweden, the winning teams' solutions and showing the benefits of open data as a strategic resource for creating socially beneficial services by involving citizens. The winning teams presented their progress in realizing their solutions on stage in front of a jury and audience (about 300 people). The event was organized in collaboration with the Swedish Government Offices, which invited the OECD and the Minister of Civil Affairs to participate.

c) E-administration days, Stockholmsmässan October 10-11 - Sweden's largest meeting place and conference for IT-supported business development in public administration. Hack for Sweden participated with a booth in the exhibition with the stated purpose of spreading information about Hack for Sweden and the benefits of open data in the public sector, and to recruit more member organizations from the public sector to the Hack for Sweden community.

d) Singularity Nordic Summit, Stockholm Waterfront 25-26 October - an international conference focusing on the exponential development of society's digitalization. Hack for Sweden participated in a panel discussion on the benefits of open data to promote innovation in society together with, among others, Vinnova's Director General.

e) Websummit with Business Sweden's Swedish Hotspot initiative, Lisbon November 5-8 - Websummit is the world's largest conference and meeting place for the tech industry with over 70,000 participants each year. Hack for Sweden was part of the Swedish HotSpot initiative (a stand in the exhibition) organized by Business Sweden and the Swedish Embassy in Lisbon to promote Swedish innovation. Hack for Sweden participated with keynotes and hackathon workshops at the stand in the exhibition. The purpose of the participation was to recruit tech companies to our community of partners, as well as hackers for the Hack for Sweden 2019 hackathon.

f) Google Cloud Summit, Kistamässan November 13 - Hack for Sweden participated with a stand in the exhibition. The purpose was to recruit more partner organizations to the Hack for Sweden community and spread information about the benefits of open data and Hack for Sweden's activities.

g) Internetdagarna, Stockholm Waterfront November 19-20 - The Internet Foundation's conference focusing on the internet and tech in Sweden. Hack for Sweden participated with a stand in the exhibition. The aim was to recruit more partner organizations to the Hack for Sweden community and to spread information about Hack for Sweden's activities.

h) Community Meetup, Meeting Room, 27 November - a meetup for all our partners, new and old, as well as organizations that were interested in knowing more about Hack for Sweden, but who have not joined as members yet. The purpose was to inform about Hack for Sweden's activities, upcoming work with the hackathon 2019 and associated challenge work, and to involve our partners in the work. The purpose was also to recruit more partners to the Hack for Sweden community.

i) Slush, with Business Sweden and Swedish Hotspot, Helsinki December 4-5 - the world's largest startup conference with 20,000 participants. Hack for Sweden was a part of the Swedish initiative organized by

Business Sweden together with the Swedish Embassy in Finland, and
the

The aim was to recruit more companies to the Hack for Sweden community and to recruit more hackers to the hackathon 2019. Hack for Sweden participated in the stand Swedish Hotspot through hackathon workshops and keynotes.

4.2.2 Other events held in 2019

a) Data Innovation Summit, Kistamässan, March 14-15 - The Nordic region's leading conference on the use of data. Hack for Sweden participated with a stand in the exhibition and livestreamed a panel discussion focusing on open data. The aim was to recruit more hackers and more partner organizations to the Hack for Sweden community, and to spread information about the activities.

b) DigiGov, Kistamässan 2-3 April - Top leader forum organized by SKL in collaboration with the Government Offices. Hack for Sweden participated with a stand in the exhibition with the aim of recruiting more partner organizations to the Hack for Sweden community and to spread information about Hack for Sweden's activities.

c) Sweden Demo Day, April 4, 2019 - Sweden's largest unconference organized by Tillväxtverket. Hack for Sweden participated by spreading information about Hack for Sweden's activities and the collaboration with Tillväxtverket Sweden Innovation Week.

d) Presentation and handover of the OECD's Digital Government Review of Sweden, May 10 in Stockholm - On behalf of the Swedish Government Offices, Hack for Sweden hosted the handover of the OECD report "Digital Government Review of Sweden" to Minister of Digitalization Anders Ygeman. Hack for Sweden arranged a half-day conference with a panel debate, networking and keynotes by the OECD and Minister of Digitalization Anders Ygeman for 100 specially invited organizations.

e) Offentliga rummet 10-12 June - conference for a smarter welfare with a focus on the digitalization of the public sector organized by SKL in collaboration with the Government Offices, Vinnova and DIGG. Hack for Sweden participated in the exhibition with a stand to spread information about Hack for Sweden, the benefits of open data in the public sector and with the stated purpose of recruiting more members to the Hack for Sweden community (authorities, municipalities and other public organizations).

f) Almedalen 2019 - Hack for Sweden organized various events throughout the week. Monday to Wednesday, Hack for Sweden organized keynote and hackathon workshops every day on the DigiDalen stage. The purpose was to spread information about Hack for Sweden's activities and to recruit more partner organizations to the Hack for Sweden community. On Thursday, Hack for Sweden participated in three different panel debates organized by Dialogmakarna and the Committee for Sweden's participation in Expo 2020. On Friday, Hack for Sweden organized a full-day event at Google Cloud's premises where the winners presented their solutions on stage in front of a jury and audience. DIGG's DG gave a keynote speech on the importance of open data for the development of society and Hack for Sweden organized a panel debate on the power of innovation in society today. The aim was to spread information about Hack for Sweden's activities, demonstrate the benefits of open data and recruit more members to the Hack for Sweden community.

g) Digital Innovation Day at the Ministry of Infrastructure with Anders Ygeman September 16 at the Ministry of Finance in Stockholm - in collaboration with the Government Offices, Hack for Sweden organized a full day where the winning teams could present the work with their winning solutions to the Minister of Digitalization Anders Ygeman and a number of specially invited from the Government Offices and the public sector.

h) Network day Digitala Psykologer, Stockholm, exhibition/keynote 24 September - Digitala Psykologer is an association within the framework of the Swedish Psychologists' Association that works to ensure that their professional group uses the opportunities of digitization. Hack for Sweden participated with a keynote and with a stand in the exhibition, the purpose was to spread information about Hack for Sweden's activities and to encourage more people who do not have a natural connection to the innovation system today to participate in the Hack for Sweden hackathon.

We also have a number of events planned and booked for the rest of 2019, which will follow the compilation of this final report as follows

i) Gartner Innovation with open data, Stockholm - keynote October 2

j) Swedish Institute, Sarajevo - workshop October 7-11 - export of how Sweden works with ecosystems for innovation and open data.

k) National Innovation Council, Kalmar - Workshop and keynote 23 October - On behalf of the National Innovation Council, Hack for Sweden organized a conference and hackathon workshop for 120 specially invited participants in connection with the National Innovation Council's regional meeting in Kalmar. The purpose was to spread information about Hack for Sweden's activities and for the participants in the conference to test the innovation tool hackathon.

l) Swedish GovTech, Stockholm - workshop October 24 - Hack for Sweden participated in a seminar for specially invited members of Sweden's GovTech movement. The purpose was to work out a plan for how the association Swedish Govtech will develop.

m) Innovation Blåljus Norrland, Sundsvall - workshop and keynote October 25 - collaboration with the Police Authority in Norrland. Hack for Sweden organized a hackathon workshop and held a keynote for specially invited blue light operations. The purpose was to create an action plan to improve collaboration between the blue light services with a focus on the use of digitalization and innovation. The purpose was also to spread information about Hack for Sweden's activities and to recruit more members to the Hack for Sweden community.

n) Gartner Digital Government, Barcelona - keynote November 5 - Keynote by project manager Ann Molin who was specially invited by Gartner to present Hack for Sweden at a seminar for special invitees. The purpose was to spread information internationally about our activities and work with open data and innovation.

o) Hack Space for the Planet, Singapore - jury, mentorship November 11-12 - a collaboration between the Swedish Embassy in Singapore, DIGG, the Swedish Agency for Economic and Regional Growth, the Swedish National Space Agency and Spaceport Sweden with the aim of creating digital solutions to the 17 global goals by the competing teams using open satellite data from Singapore and Sweden. Project manager Ann Molin participated in the jury as a mentor to the teams and in the planning of the hackathon.

p) Swedish Institute - Digital Economy Summit / Leading Through Change - November 11-15 - delegation trip organized by the Swedish Institute where Hack for Sweden participated as a facilitator of workshops and mentor to the participants in the leadership program. The aim was to export Swedish innovation power and the open data approach.

q) GovTech Summit, Paris - exhibition November 14 - Hack for Sweden participated at the request of the Government Offices and the invitation of GovTech Summit in the exhibition with a stand, the purpose was to spread information about Hack for Sweden's activities internationally and to create networks with international govtech community.

r) Innovation Meetup Malmö - keynote, exhibition, partnerships 28 November

4.2.3   Delegation trips

In addition to participation in several events, delegation and study trips have been carried out to ensure competence development of the team, to gain valuable experience around the world before the organization of the major hackathon events, and to export the method regarding Swedish innovation power and to create an innovation ecosystem.

- Singularity University Nordics Silicon Valley - govtech study trip with the theme "How to enable upscaling of the Hack for Sweden platform for citizen-driven innovation", representatives from the steering group, advisory board and the project group participated.

- Singapore (Vinnova) - govtech innovation delegation trip organized by Vinnova, Hack for Sweden's project manager participated as a representative of Hack for Sweden.

- Vietnam (Business Sweden) - study trip innovation ecosystem and export of Swedish innovation, Hack for Sweden's project manager participated as a representative. Participated in a panel debate together with Minister for Foreign Trade Ann Linde and held a keynote for innovation ecosystem actors at Nordic Innovation House, organized by Business Sweden together with the Swedish Embassy in Vietnam.

- Junction Helsinki - study tour of large-scale hackathons, meeting with the organizers of Junction hackathons from several parts of the world (Vietnam, Shanghai, New York, etc.).

- Seoul (Innovation Pioneers/Business Sweden) govtech innovation ecosystem delegation trip, export Swedish innovation (upcoming trip).

4.3   Other development work

The steering group, which consists of Tillväxtverket, Vinnova, DIGG, Vetenskapsrådet, Internetstiftelsen, Arbetsgivarverket, SCB, Upphandlingsmyndigheten, SMHI,

Riksarkivet and Arbetsförmedlingen are Hack for Sweden's decision-making bodies. Four committees have been appointed by the steering group on August 29, 2018:

- *Stimulating the availability of open data*
  The work has focused on cooperation in this area between DIGG and Hack for Sweden. Before the Hack for Sweden event in 2019, a number of training sessions on open data were held for all partners.

- *Citizen-driven innovation*
  Much work has been done on the definition of citizen-driven innovation, and how we ensure that different initiatives in the area are coordinated for the best effect, such as Hack for Sweden, govtech, civictech and the challenge platform. The driving force in this group has been Vinnova, the Swedish Internet Foundation and Tillväxtverket.

- *Innovative procurement and partnerships*
  Exploratory work is done to answer questions of the type below:
  - Can we innovation-procure the concepts/prototypes from the hack?
  - Is innovation procurement the tool to achieve the goals and objectives of Hack for Sweden?
  - What are the options for hackatons in innovation procurement?

- *Hack for Sweden event 2019*

The purpose of the committees is to provide a forum to support the work on the above-mentioned areas within the steering group.

4.4   Partners

The public sector cannot meet all societal challenges alone. Therefore, collaboration between different societal actors is becoming increasingly important. Sweden also has a very dynamic and innovative start-up scene that could be encouraged to a greater extent to contribute solutions to Sweden's societal challenges. In addition, the active participation of companies can lead to the development of commercial services that may have export potential.
One of the sub-goals of the government's strategy for a digitally collaborative state administration is a more open administration that supports innovation and growth. Open innovation means that the best expertise or the best ideas are not found within your own organisation. Open data is a way to open up the innovation process and make external solutions possible. By making more data sources available, external actors such as the public, hackers, researchers, entrepreneurs, businesses and non-profit organizations are empowered to create innovations.
For Hack for Sweden to create maximum societal benefit through innovative digital solutions based on open data, the movement needs to become a meeting place for both the public and private sectors, non-profit organizations and academia. None of these will solve Sweden's challenges regarding digital innovation on their own; collaboration is needed. Hack for Sweden has created several sustainable partnerships with companies and organizations since spring 2018:

- Google Cloud

- Ericsson ONE

- Singularity University Nordics

- Amazon Web Services

- Accenture

- The Park

- SSES, Stockholm School of Entrepreneurship

- Microsoft

- Innovation Pioneers

- Brainpool

- Junction

- Swedish Institute

- Business Sweden

- Ignite Sweden

- SISP Swedish Incubators and Science Parks

- Committee for Sweden's participation in Expo 2020

- OpenHack

- Spaceport Sweden

- National Innovation Council

- Viable Cities

- Uppsala and Lund University

- KTH

5   Access to open data

Another crucial issue is the availability of open data for Hack for Sweden participants. Creating innovative digital solutions for societal benefit requires access to significant amounts of open data.

During Hack for Sweden 2018, the overall perception of the participants was that the open data available was difficult to access and poorly structured. The perception was also that there was a lack of relevant data to create good solutions.

To encourage and stimulate more authorities and other government organizations to share their open data, Hack for Sweden has started a community for the authorities that are part of Hack for Sweden. The purpose is to create a forum for exchange of experience, a platform for learning from each other and also provide the opportunity to meet and get support from Hack for Sweden to both package and publish their open data in a good and functional way. This community platform has had a digital basis with a Slack channel but also regular physical meetings and a number of training sessions have also been offered. Potential members can be invited to the community to receive information and hear from existing members about their experience of membership.

During Hack for Sweden 2019, the overall perception of the participants was that the open data available was poorly structured, difficult to access and too few.

Hack for Sweden proposes that the government continues to support Sweden in becoming a leader in making both public and socially useful private data available as open data. Further assignments to institutions such as DIGG, Vinnova and others are required to finance and stimulate the publication of public and socially useful private data as open data. The Government should also commission a number of authorities to publish data as open data in areas where there is demand.

6   The future of Hack for Sweden

Our proposal is that Hack for Sweden goes from being an annual event to being an actor, a movement, that is present every day of the year - digitally, in social media and at relevant events regarding digitalization - Hack for Sweden 365. We create sustainable partnerships with both the public and private sectors, non-profit organizations and academia.

The vision is that Hack for Sweden is the platform in Sweden where it is natural for everyone interested in digital innovation to meet and create societal benefits for a smarter Sweden - a Sweden 4.0.

6.1   Vision

"From 200 people innovating to 2 million in 2 years"

Our MTP (Massive Transformative Purpose) has emerged as the Hack for
Sweden movement has taken the initiative to not only be a hackathon once a
year, but to also become an actor for citizen-driven innovation that is present
every day of the year, Hack for Sweden 365. In connection with this year's Hack
for Sweden event, the movement was developed by inviting companies from the
business community to be event partners. This created a contact area with the
business community and innovation labs in the private sector that did not exist
before.

At present, Hack for Sweden has 52 corporate partners. One of these is Google
Cloud and the collaboration led to Hack for Sweden organizing a full-day event
focusing on digitization and citizen-driven innovation at Google's premises in
Almedalen 2018. Minister of Civil Affairs Ardalan Shekarabi presented DIGG's
new Director General Anna Eriksson during the event, which was also broadcast
on SVT. Google Cloud invited guest speaker Marjan Mohsenin from Singularity
University in Silicon Valley to the event in Almedalen.

In collaboration with Marjan, the project management team formulated Hack for
Sweden's
massive transformative purpose, "From 200 people innovating to 2 million in 2
years". Marjan Mohsenin also communicated the contact with Singularity
University Nordics, one of the newest corporate partners that Hack for
Sweden has started working with. The collaboration means, among other
things, that Singularity University Nordics founder Kris Östergaard joins Hack
for Sweden's Advisory Board and that Hack for Sweden is represented with
keynote speakers at the Singularity University Nordics Summit at Stockholm
Waterfront Congress on October 25-26, 2018. They have in turn contributed with
keynote speakers to Hack for Sweden 2019.

Another development that started in connection with the Hack for Sweden event
of the two years was that the project management, under the advice of the
steering group, chose to put a strong focus on the realization of the winning
solutions. The winning teams were offered prize money and contact with an
innovation hub if they presented a realization plan for their winning idea. In this
way, all winning solutions have been given the conditions to be realized.
Various innovative ways to ensure the upscaling of the ideas born at Hack for
Sweden have been an ever-present theme during these two years. Today, much
is based on the winning teams being able to create a business from their idea,
but here a number of other possibilities should be explored in the future, we see
that many different realization options should be presented:

- Create an economic activity as today

- Sell your idea to a relevant authority

- Be offered temporary or permanent employment in the relevant
  authority to realize their idea.

- Other forms of partnerships between winners, public authorities and industry

- Innovation procurement linked to the hackathon

The vision is to create sustainable societal development in collaboration with industry, academia and non-profit organizations by developing a government-run ecosystem for data-driven innovation with national and international excellence.

6.2   Sweden 4.0

Hack for Sweden has identified some challenges that need to be addressed to streamline and develop the current concept:

- The first is that it has proved difficult to formulate challenges that participants can act on. A specific competence and process is required to achieve this. This is something that various policy labs have begun to develop.

- The second is that the group of participants is too homogeneous. It takes a broad perspective and input from many different disciplines to create really good solutions. Several groups and competences need to be mobilized.

- The third is that solutions do not materialize but remain good ideas. Specific efforts are needed to "scale" solutions so that they can be used.

The second challenge mentioned above, i.e. that the target group for participation in the Hack for Sweden hackathon needs to be broadened in terms of age, gender, ethnicity and background, also needs to be addressed through two main approaches:

- One is to create challenges that have a broader scope that more citizens can relate to - such as societal benefits for Sweden and the UN's 17 global goals. Many of the goals listed by the UN are relevant to Swedish conditions. It should therefore engage and attract many citizens who are not currently familiar with the concept of hackathons or Hack for Sweden.

- The second is to communicate on a broad front by being present at various events and using social media to create engagement and interest in Hack for Sweden. The aim is to encourage participation in Hack for Sweden 2019 among groups who are not currently familiar with open data or hackathons, but who may have very relevant knowledge to contribute to the upcoming solutions. A wider range of participants could also potentially lead to a broader anchoring in society at large and ultimately create citizen-driven innovation in practice.

To address the third challenge, the steering group has decided to test the following in 2019:

Hack for Sweden 2019 will have a clear focus on realizing the winning solutions, including by offering a government-funded innovation platform for this purpose. Existing partners to Hack for Sweden can be offered the opportunity to support the winning teams depending on what serves the solution best based on the stated goal of creating benefits for citizens. It will also

be clear in the communication for Hack for Sweden 2019 that it is expected that the solution will be realized into a tool for societal benefit that benefits citizens.

The realization of these solutions is important for two reasons:

To show the concrete benefits of hackathons in general and Hack for Sweden in particular, and to visualize for the authorities and other organizations that are not yet part of Hack for Sweden, what a membership and sharing of open data can result in.

7   Economy

The government has allocated a budget of SEK 3 million for 2018 and 2019 to run the project and develop the movement into a platform for citizen-driven innovation. There are currently 38 authorities that are members of Hack for Sweden and they contribute SEK 35,000 in membership fees each year. Work is ongoing to ensure that all partners pay their membership fees.

Radetiketter	Summa av Värde
Budget	**-3000000**
Hack of Sweden,1400531	-3000000
Inbetalning	**-910000**
Arbetsgivarverket	-35000
CSN	-35000
DIGG	-35000
FK	-35000
KFM	-35000
Konsumentverket	-35000
Lantmäteriet	-35000
Livsmedelsverket	-35000
LST Västra Götaland	-35000
Naturvårdsverket	-35000
Polismyndigheten	-35000
Riksarkivet	-35000
Rymdstyrelsen	-70000
SCB	-35000
SGU	-35000
Skatteverket	-35000
Skogsstyrelsen	-35000
SLU	-35000
SMHI	-35000
Socialstyrelsen	-35000
Tillväxtverket	-35000
Trafikverket	-35000
Transportstyrelsen	-35000
Vetenskapsrådet	-35000
Vinnova	-35000
Totalsumma	**-3910000**

Table 1. Breakdown of revenues from the different partners.

Below is a summary of the financial outcome for both 2018 and 2019. The difference will be covered by Arbetsförmedlingen as part of our investment in socially driven innovation and open data, but also as an investment in our own innovation culture and skills development related to new forms of idea generation, hypothesis building and exploratory innovative development on open data.

Intäkter och Utgifter Hack for Sweden 2019 ▼	Summa
⊟ Intäkt	-4 330 000,00
Budget	-3 000 000,00
Budgeterade inbetalningar ej inkomna	-420 000,00
Inbetalning	-910 000,00
⊟ Utgift	5 063 636,49
Annonser & Reklam	25 000,00
Eventmaterial	550 641,95
Hack for Sweden Event 4-6 april	2 602 700,13
Konsulttjänster	1 142 138,72
Löner	174 432,25
Resor	265 898,93
Transporter	22 140,36
Övriga utgifter	145 336,95
Webbutveckling	135 347,20

Table 2. 2019 financial outcome.

Revenues and outcomes Hack for Sweden 201 ▼	Total
⊟ Revenue	-3 979 410,00
Budget	-3 000 000,00
Payment	-979 410,00
⊟ Expenditure	3 864 929,29
Advertisements & Promotion	378 200,63
External Representation	306 852,00
Gift	389,00
Hackathon	499 418,31
Consulting services	1 308 857,57
Salaries	238 367,00
Travel	224 464,11
Transporters	380,00
Printed matter	27 597,99
Education and training	123 480,68
Other expenditure	756 922,00

Table 3. Economic outcome in 2018.