Challenges and experiments

The Final Sprint, 20th Jan 2017 at Hub13 in Helsinki
Project Manager Tanja Lahti, City of Helsinki

#avoindata #6aika #databusinessfi

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European Union
European Regional Development Fund

Leverage from the EU 2014–2020

Game on!

DataBusiness Challenge
3.10.2016–30.1.2017

The six largest cities in Finland (Helsinki, Espoo, Vantaa, Tampere, Turku and Oulu) want to support the development of new user based services by arranging an open data innovation competition.

The aim of the DataBusiness Challenge is to encourage developers, entrepreneurs and startups to start utilizing the existing open datasets and APIs provided by the six cities.

We are looking for proposals for 1) the competition and 2) the experimental phase – you can submit your solution for both call!

The deadline for submissions is 30th January 2017.

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DataBusiness Challenge

3.10.2016–30.1.2017

Challenges

Active citizen 4500€

Create idea or solution that enhance the everyday life of the city dwellers and activate their participation in city development. How to create better services to the citizen and challenge them to also use them more frequently?

Functional city 4500€

Create concepts or solutions that enhance the usage of information in decision making. How can we make functions of the city more agile and develop the information flow inside and outside organisations?

Prize categories

DataBusiness Challenge
3.10.2016–30.1.2017

Active Citizen

- Most creative concept 1500€
- Most innovative solution 1500€
- Best business potential 1500€

Functional City

- Most creative concept 1500€
- Most innovative solution 1500€
- Best business potential 1500€

City Experiments
25 000€

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Challenge tips

Services in the city?

How to make it easier for residents to find the public services? Create app/solution that offers relevant information for the certain target groups. E.g. app for younsters to find information about the youth centres, events, hobbies or jobs. Or could your solution active people to exercise more or use the cultural services in the city?

Useful open data e.g.

- Helsinki metropolitan area Service Map REST-API
- Linked Events API (Helsinki, Turku ja Varsinais-Suomi)
- Food establishments in Helsinki
- Regional statistics API
- The Business Infomation System (YTJ)
- Snow plows API
- Parking data
- Register of public areas in the City of Helsinki
- Public transport data
- Metropolitan area travel time matrix
- Solar energy potential, green roofs…

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Challenge tips

The whole city as a learning space?

Kuva: TMAB2003

Contact person:
City of Helsinki, Education department
pasi.silander@hel.fi
soili.haapala@hel.fi

Learning shouldn´t be tied to the school buildings but we should use the whole city as a learning space. For instance we could utilize geospatial data in learning natural environment. This could inspire pupils to learn more about the environment and act more sustainable way.

Useful open data e.g.

- geospatial data sets
- natural and cultural points of interest
- statistics, historical data sets
- predictions
- events
- service points
- public resources like available meeting rooms

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Challenge tips

City as a playground?

City has a soul and it lives its own life. In the movies and tv series the city is often described as a one figure. Create a fun and addictive mobile game that helps players to know and feel the city environment and amenities better. If possible utilize virtual and artificial reality opportunities.

Useful open data e.g.

- 3D city models
- Aerial photographs and orthophotographs
- Historical maps and photos
- Sporting places and routes
- Service points
- Buildings
- Events
- Public transport

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Challenge tips

Dashboard for business services?

Create a service that helps companies and investors to find information about the cities as easily as possible. In which district you should start your business? Where are the potential customers? What information do companies look for? How to provide the information for entrepreneurs about the available human resources in the region?

Useful open data e.g.

- geospatial data sets
- buildings
- land-use data
- population prognosis
- traffic data
- the Business Infomation System (YTJ)
- statistics
- tourist data

Contact person:
NewCo Helsinki
Henrik.keinonen@hel.fi
Teemu.polo@hel.fi

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Challenge tips

Empower youngsters?

Kuva: RuutiExpo2015

Create an app or a game for youngsters that help them to know and influence the city decision-making. Your solution empowers young people to take part in the planning and development processes of the city.

Useful open data e.g.

- decision-making data
- issue-reporting data (feedback data)
- geospatial data sets (e.g. school service areas)
- events
- information regarding Ruuti system
- budget data, subsidies
- statistics (number of pupils, population)
- predictions

Contact person:
City of Helsinki, Youth department
soili.haapala@hel.fi

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Challenge tips

#helpalaute (social media bot)?

- City of Helsinki is looking for a social media bot to monitor how the #helpalaute (palaute = feedback) keyword has been used in Twitter, Facebook and Instragram
- The bot should open up an automatic ticket for the city via Open311 API and send feedback to the monitoring page
- It should post an automatic update information to the discussion immediately after someone has answered to the feedback
- The aim is to test this kind of bot in the feedback process in March

Challenge tips

#helpalaute (social media bot)?

Could you consider a better box to the dog park in Keskuspuisto? @Rakennusvirasto?

You should send a feedback about this to the city organisation #helpalaute @puntteri @Rakennusvirasto

#HEL PAL AUTE

This feedback has been registered in the issue reporting system of Helsinki! Follow the process: hel.fi/www... @minna_h @puntteri @Rakennusvirasto

#HEL PAL AUTE

This feedback has got an answer: hel.fi/www... @minna_h @puntteri @Rakennusvirasto

Contact person:
City of Helsinki, Executive Office
Joonas.Pekkanen@hel.fi

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Looking for an idea?

DataBusiness Challenge
3.10.2016–30.1.2017

Please, visit http://www.databusiness.fi/fi/avoin-data/ideat/

☆ 1

Kaupunki pelikenttänä

1.11.2016

ASUMINEN, KARTAT JA PAIKKATIETO, LIIKUNTA JA ULKOILU, MATKAILU, NEUVONTA, OPETUS JA KOULUTUS, YMPÄRISTÖ JA LUONTO

IDEA

☆ 2

Osaava kaupunki

1.11.2016

OPETUS JA KOULUTUS, TYÖ JA ELINKEINOT, VÄESTÖ

IDEA

☆ 2

Tapahtumasovellus

1.11.2016

KULTTUURI, LIIKUNTA JA ULKOILU, MATKAILU, NEUVONTA, VÄESTÖ, YMPÄRISTÖ JA LUONTO

☆ 0

Yrityspalveluiden dashboard

1.11.2016

HALLINTO, TYÖ JA ELINKEINOT, YLEINEN

☆ 0

Aktiivinen kaupunkilainen

1.11.2016

ASUMINEN, KULTTUURI, LIIKUNTA JA ULKOILU, MATKAILU, TERVEYS, TYÖ JA ELINKEINOT, VÄESTÖ, YLEINEN, YMPÄRISTÖ JA LUONTO

☆ 1

Koko kaupunki oppimisympäristönä!

1.11.2016

KULTTUURI, OPETUS JA KOULUTUS, YMPÄRISTÖ JA LUONTO

Kaupunkilainen arkkitehtina avoimen datan avulla

29.9.2016

ASUMINEN, HALLINTO, KAAVAT JA KIINTEISTÖT, KARTAT JA PAIKKATIETO, LIIKENNE, RAKENTAMINEN, YMPÄRISTÖ JA LUONTO

Uimavesien laadun mittausanturi ja avoin data

29.9.2016

ASUMINEN, KARTAT JA PAIKKATIETO, LIIKUNTA JA ULKOILU, TERVEYS, YMPÄRISTÖ JA LUONTO

IDEA

Yritysten palvelut kaupungissa avoimena datana (kartalla)

29.9.2016

LIIKENNE, NEUVONTA, SOSIAALIPALVELUT, TYÖ JA ELINKEINOT, YMPÄRISTÖ JA LUONTO

IDEA

Avoin työpaikkatieto uusien työllistämisratkaisujen alustana

23.9.2016

ASUMINEN, KARTAT JA PAIKKATIETO, LIIKENNE, SOSIAALIPALVELUT, TYÖ JA ELINKEINOT, VÄESTÖ, YMPÄRISTÖ JA LUONTO

Palveleva kaupunki

1.11.2016

KULTTUURI, LIIKUNTA JA ULKOILU, MATKAILU, NEUVONTA, YLEINEN

IDEA

Erinomainen päivä... - harrastussovellus

29.9.2016

ASUMINEN, KARTAT JA PAIKKATIETO, KULTTUURI, LIIKUNTA JA ULKOILU, YMPÄRISTÖ JA LUONTO

IDEA

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Keep in mind that you should utilize at least one open datasets provided by the six cities – that data is available here:

HELSINKI REGION INFOSHARE

www.hri.fi

LOUNAISTIETO

www.lounaistieto.fi/

OULU open data

www.ouka.fi/avoindata

TAMPERE OPEN DATA REGION

data.tampere.fi

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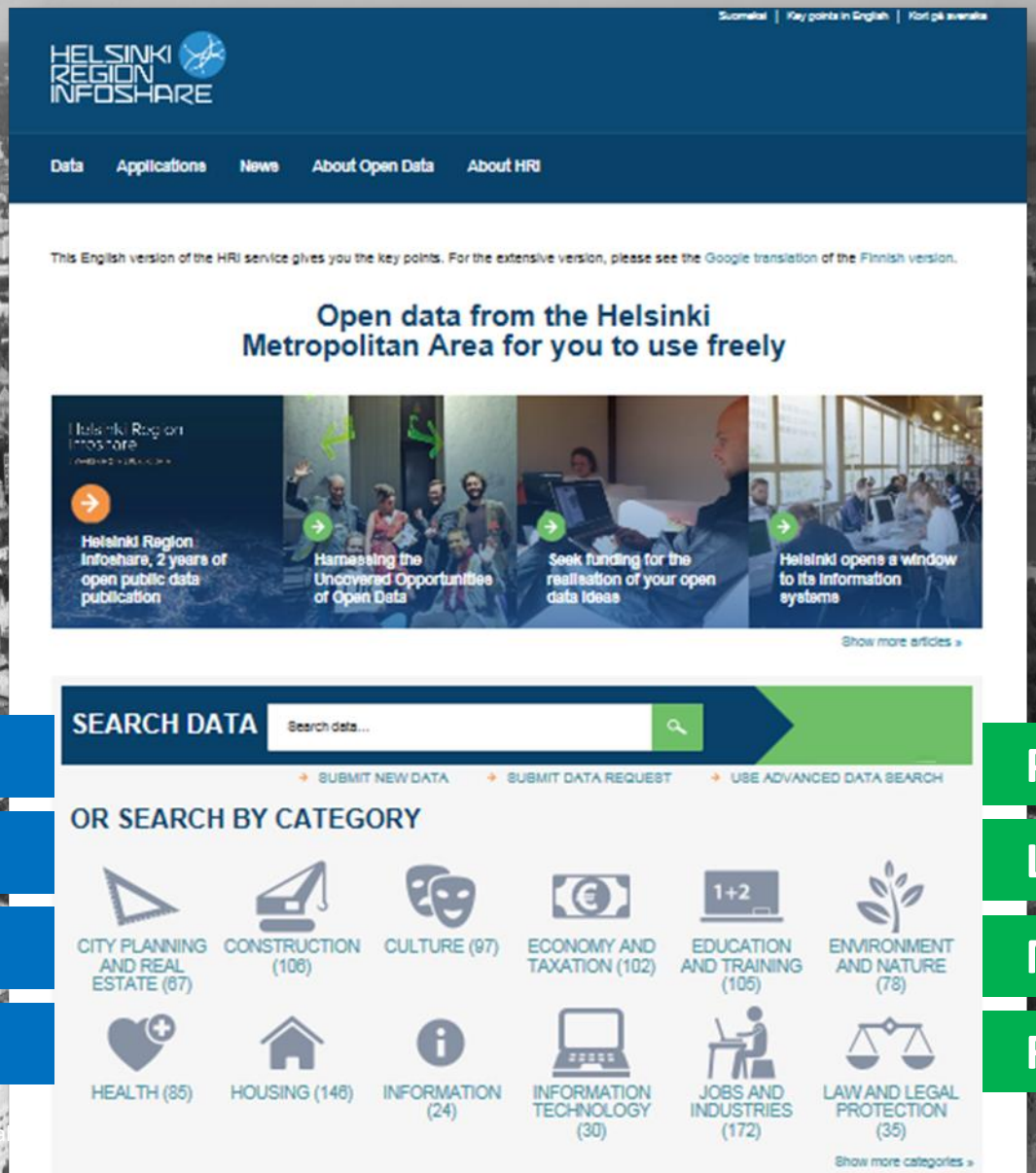
Helsinki Region Infoshare – www.hri.fi



Helsinki

Espoo

Vantaa

Kauniainen

Public

Licensed openly

Machine-readable

Free

The City of Helsinki Media Bank/SkyFoto

Strategical data

- Statistics
- GIS data
- Land use
- Decisions
- Budget
- …

State of the city?

Operative data

- Events
- Transport
- Air quality
- Snow plows
- Feedback
- …

Pulse of the city?

City Experiments

DataBusiness Challenge
3.10.2016–30.1.2017

Companies, would you like to try out your open data solution in practise?

The cities of Helsinki, Espoo, Vantaa and Tampere are also willing to offer 25 000€ (max 5000€ per pilot) for experiments organized by companies during the spring 2017.

The cities have announced a procurement process for the experiments and the deadline is 30th January 2017. So, you can submit your solution both 1) for the competition and 2) for the experimental phase!

More information and the entry form are on the web page www.databusiness.fi/en/challenge/experiments/ .

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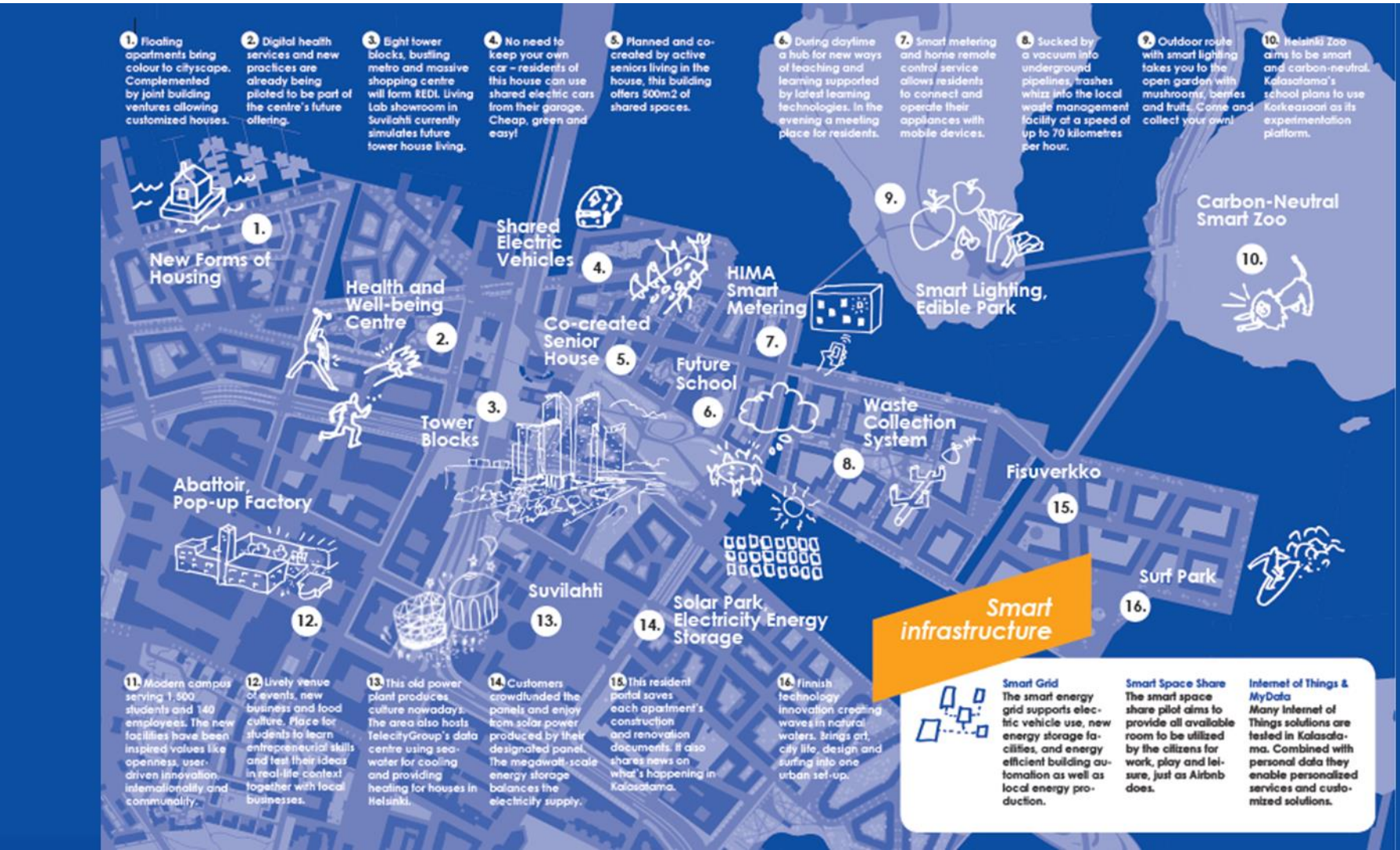
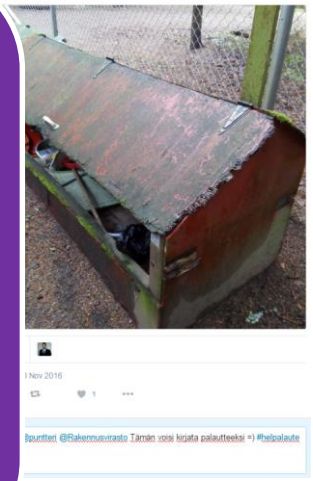
We have got good experience about the experiments e.g. in Kalasatama..



And now we are looking for something similar but based on open data!

Perhaps regarding..



The aim of experiments is to learn and enhance the data-driven business with open data!

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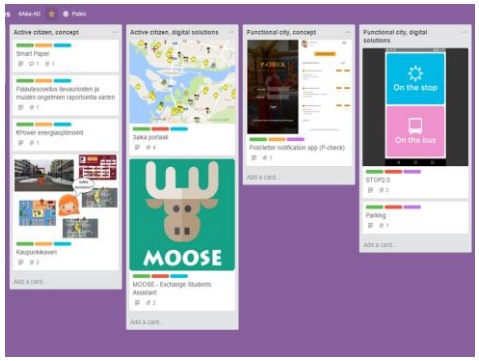
Next steps!

DataBusiness Challenge
3.10.2016–30.1.2017

- 30.1.2017 Deadline for the entries!
- 1.2.-5.2.2017 DBC public evaluation at Trello board > the best 20 entries will be presented to the judges who choose the winners



- 15.2.2017 DataBusiness Challenge Awards in Helsinki
- Experiments will be implemented during the spring

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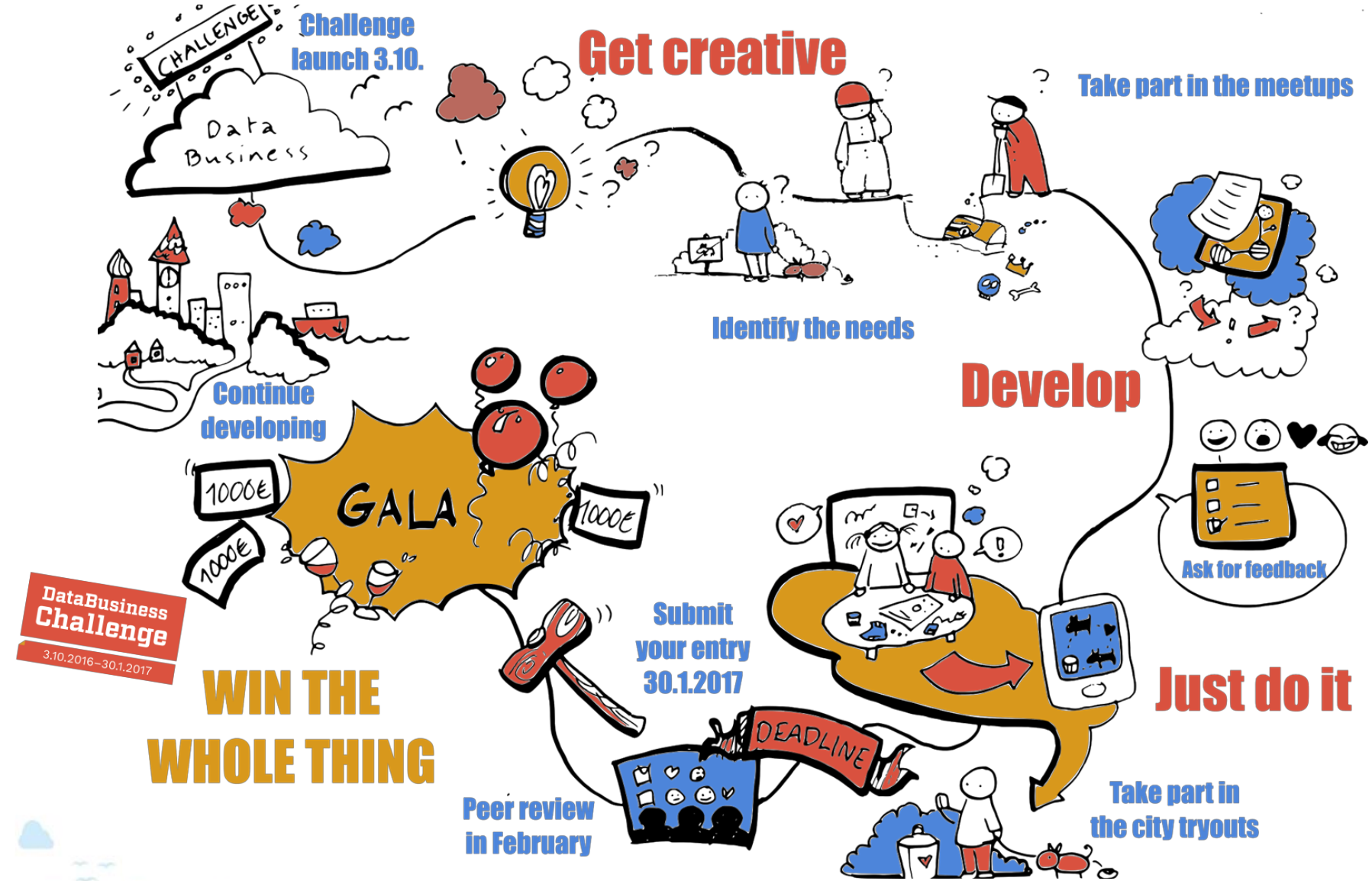

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DataBusiness Challenge

3.10.2016–30.1.2017

www.databusinesschallenge.fi

#DataBusinessChallenge
www.facebook.com/databusinessfi/
Email: challenge@databusiness.fi

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The Final Sprint
20th Jan 2017
at Hub13 in Helsinki

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PROGRAM

11:30 **Registration and coffee**
12:00 **Welcome**
12:15 **The DBC challenges with some tips and experiment process**, Tanja Lahti City of Helsinki/HRI
12:30 **Good application**, Kaisa Sibelius Forum Virium Helsinki
12:45 **Business models**, Teemu Polo City of Helsinki / NewCo Helsinki
--- *Sparring sessions, networking* ---
14:00 **Usability**, Liisa Benmergui Frantic
14:15 **Principles for digital development**, Sami Paju ja Antti Pakarinen City of Helsinki
14:30 **Civic tech/activism**, Jaakko Korhonen Open Knowledge Foundation
--- *Sparring sessions, networking* ---
16:00 **Data-driven management**, Juuso Parkkinen Reaktor
16:15 **Geospatial information (GIS)**, Pekka Sarkola Gispo
--- *Sparring sessions, networking* ---
18:30 **Closing the event**

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Who can participate?

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Anyone except the members of 6Aika Open Data project.

The participants can be individuals, NGOs, organisations or businesses from Finland or abroad.

One team / participant can provide multiple competition entries.

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Rules for participation

DataBusiness Challenge
3.10.2016–30.1.2017

- The entry has to support one of the challenge themes: Active citizen or Functional city.
- The entry has to utilize at least one open datasets provided by the six cities.
- The entry must be created during this competition. The same solution can however be presented in another similar.

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Evaluation criteria

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- How creatively different data sources are used
- Usability & user friendliness
- The freshness of the idea
- Business potential
- Quality and sustainability
- How the idea / solution is compatible with the challenges

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