



European Address Forum



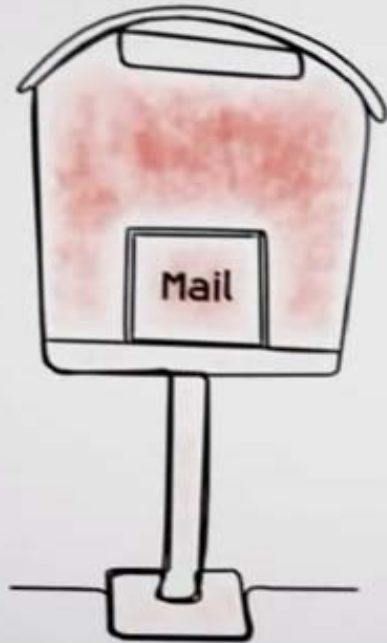
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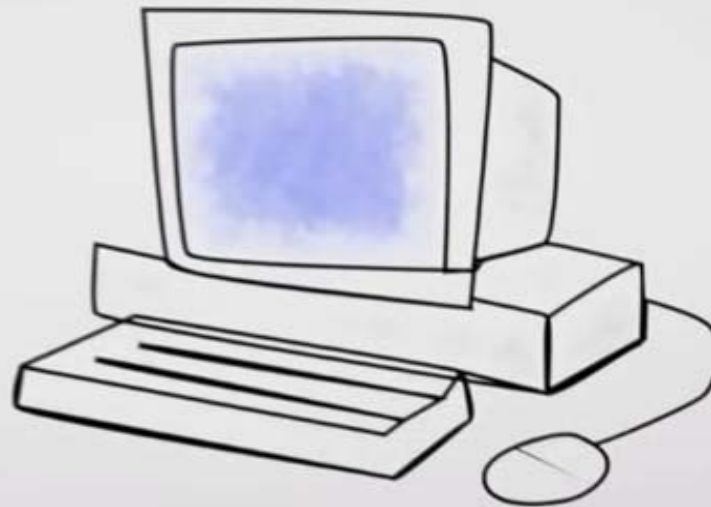
EURADIN
European Address
Infrastructure

...Everything happen in somewhere...in an address

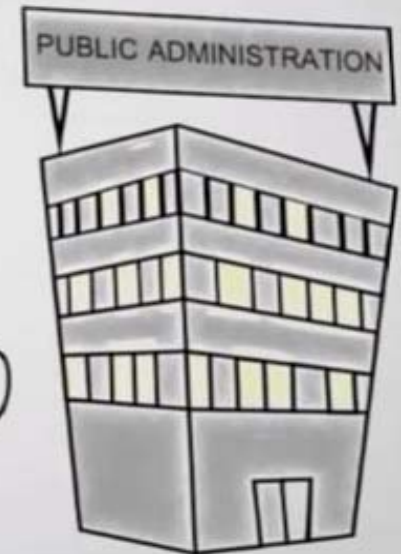
Essential tool



Economic

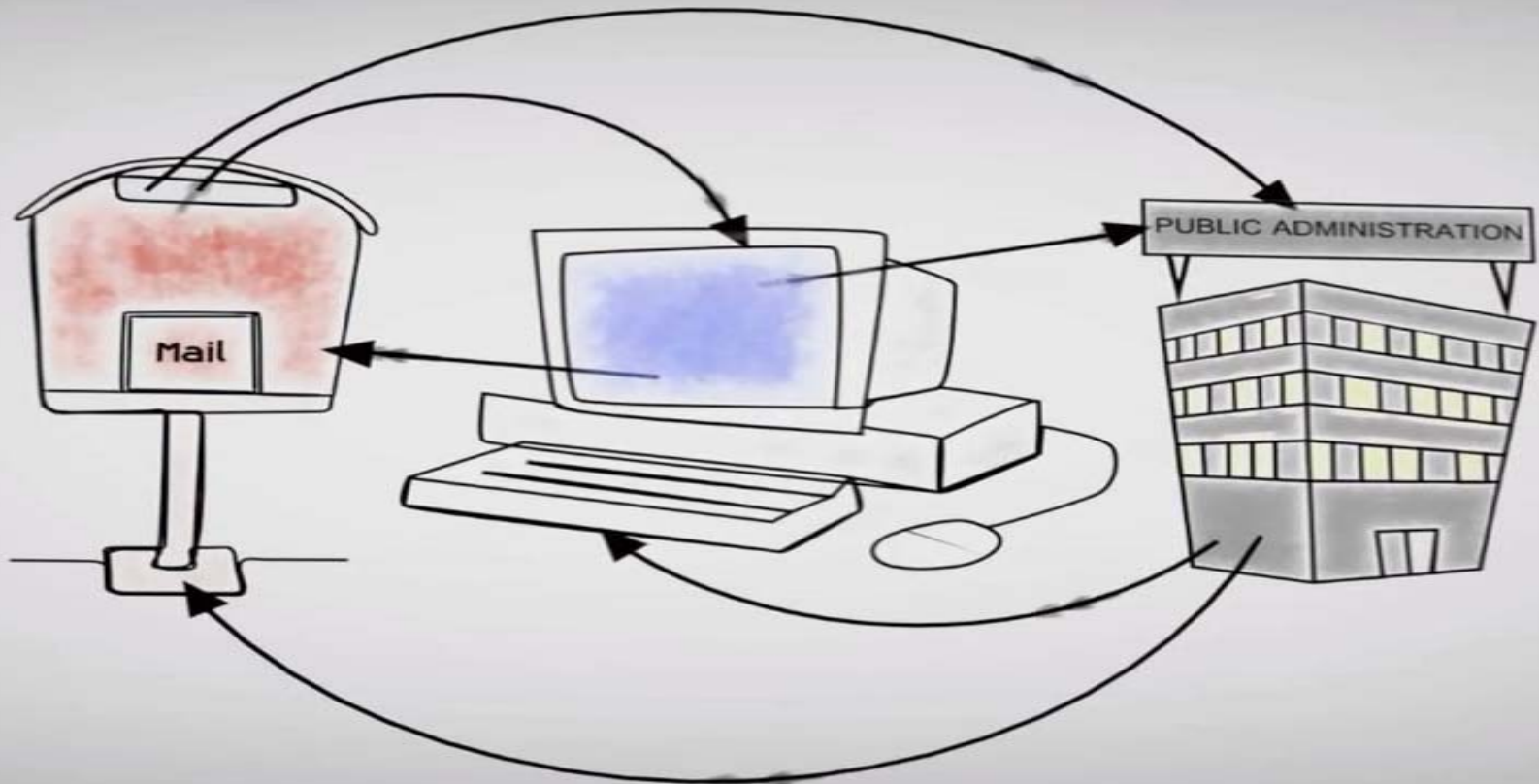


Social



*The addresses are every day used as a **common language** to provide citizens, business and public administrations with a simple and clear description of locations*

The majority of economic activity consists of people supplying goods and services to other people at places described by an address



Good quality addressing will therefore make a substantial difference to the **efficiency** and has a big impact upon the value or cost of the services provided.

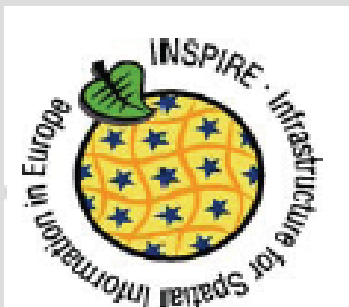
Addresses are used as the common reference, when people or applications need to join or exchange information from different sources.

This is becoming increasingly important in our days

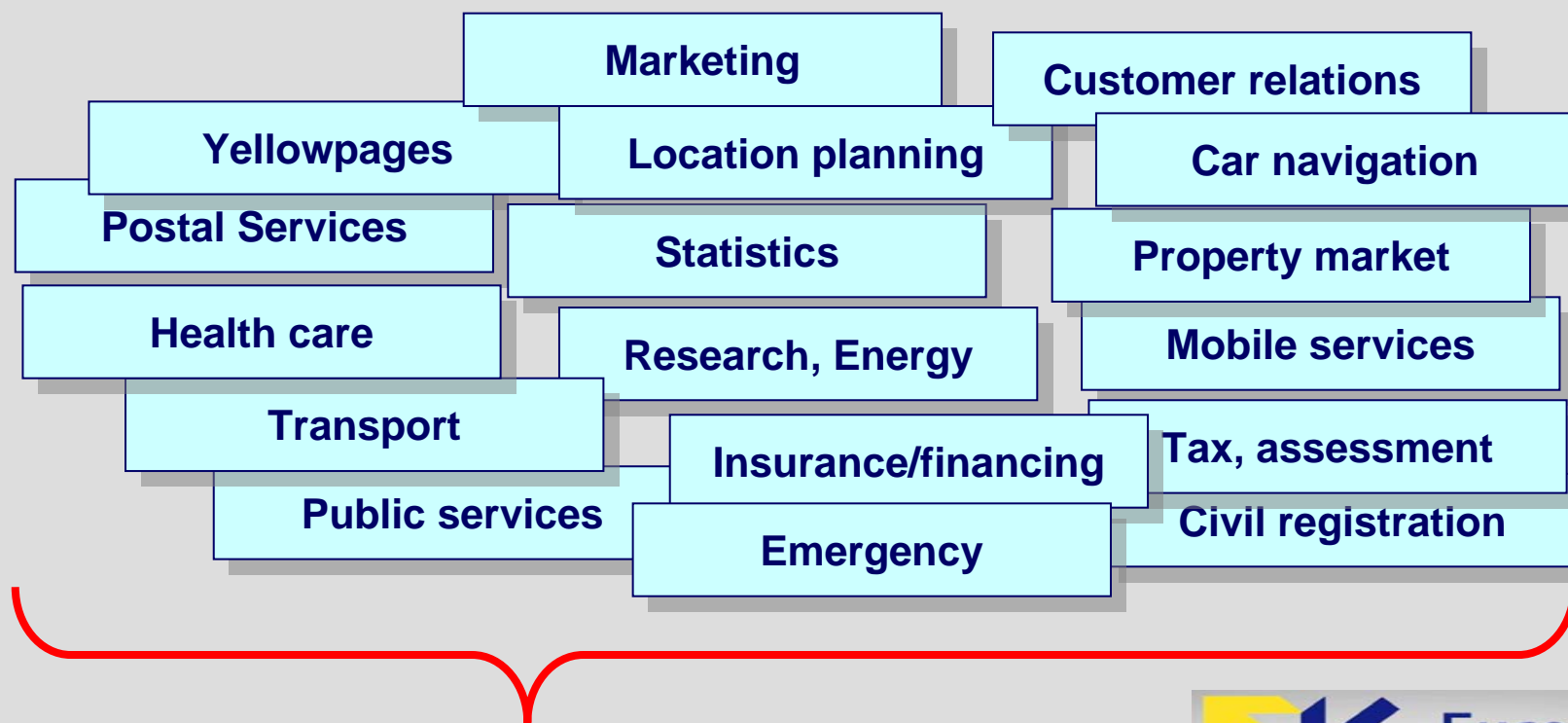


Utility services



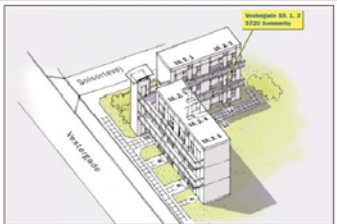
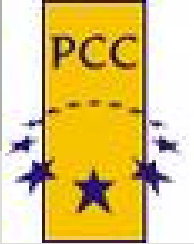
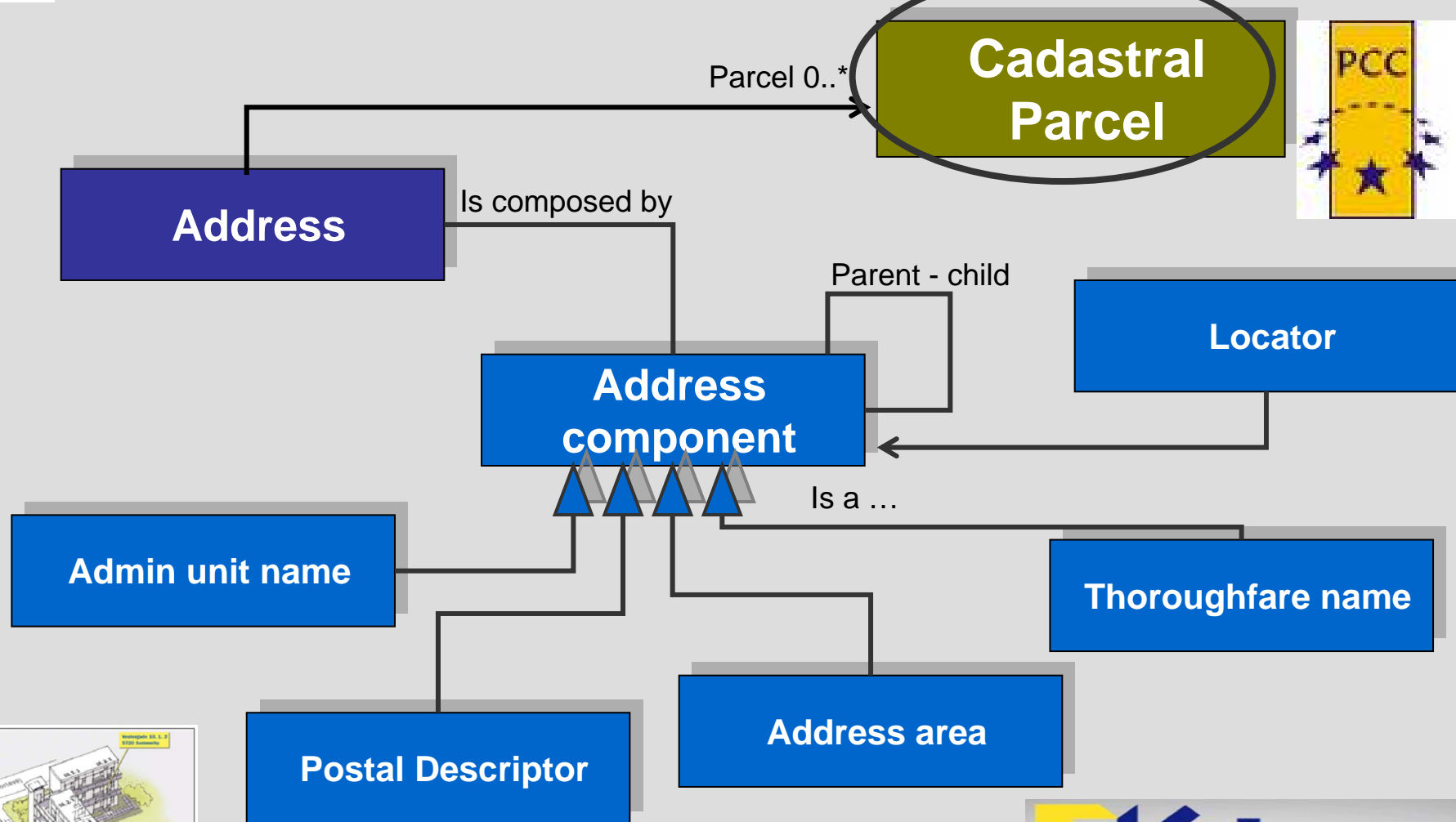


For all these reasons, during the preparation of the INSPIRE directive, addresses had been recognized as one of the top priority data themes, necessary as common reference in the development of a European spatial data infrastructure.





on Addresses - v3.0 - Concept



Address is the most important tool to confirm the location



“When people call 112, the first thing to know is where the accident happened.

Address and street name is the most important tools to confirm the location – in order for us to dispatch the right ambulance.”

*Erling Larsen,
Danish 112 Centers' Secretariat
(112 was one of the first address data users)*

But we need well constructed addresses and good quality address data

Lisbeths mand døde: Ambulancen sendt til forkert by

Mens ambulancen kørte med fuld udrykning til Lærkevej i Gylinge døde Lisbeth Andersens mand mellem hænderne på hende på Lærkevej i Broom. Politiet beklager fejlen

■ AF BO CHRISTENSEN

Med kunstigt åndedræt og hjertemassage kæmpede Lisbeth Andersen for at holde sin mand i live, indtil ambulancen kom.

Men efter 25 minutter måtte hun give op. På det tidspunkt havde ambulancen for længe have været fremme, mens alarmcentralen havde be-
glet den faldte fejl at sende ambulancen til Lærkevej 9 i Gylinge i stedet for Lærkevej 9 i Broom. Så først efter

en halv time nåede ambulancen Broom - og da var det for sent.

»Efter 20-25 minutter måtte jeg give op. Jeg kunne se, at der ikke var mere at gøre,« fortæller Lisbeth Andersen, som sammen med parets 15-årige søn gjorde alt hvad der stod i hendes magt, for at hendes mand Jørgen skulle overleve sit hjerteslag.

Erkender fejl

»Jeg vidste, at det ville tage et kvartst, inden ambulancen var her, for jeg kører turen fra Skive til Broom hver dag,« fortæller Lisbeth Andersen, som haster at den halve time 23. april føltes som en særlig længsel.

I dag sidder Lisbeth Andersen tilbage med spørgsmålet om, hvornår hendes mand havde været i live i dag, hvis ikke alarmcentralen havde be-
glet den fatale fejl.

Hos Viborg Politi erkender vicepolitinspektør Poul Severinsen, at operatøren på alarm-

centralen har be-
glet en fejl.
»Hvis få alle de rigtige op-
lysninger om adresse, og
alarmlokkerne i vores EDB-
system gjorde ham og ud-
rækkeren på, at der var to
veje af samme navn under
postnavnet.«

Alligevel kan han til at

taste forkert ind, så ambulancen blev sendt til den forkerte by,« forklarer Poul Severinsen, som beklager fejlen.
»Men det er jo i sidste ende menneskelig, som sidder ved tasten. Og som vi alle ved, så be-
gler vi mennesker fejl. Og så i situationer, hvor det

ikke må ske,« siger vicepolitinspektøren.

Men selv om politiet erkender fejlen, så mener Lisbeth Andersen ikke, at fejlen bliver taget alvorligt nok. Hun appellerer til, at politiet i det fremtidige tager i betragtning af den sikkerheds-
svangre fejl, så det ikke sker igen.

Kan ske igen

»Det virker som om, at de bare trækker på skuldrene og siger: Vi beklager.«

På den måde siger de også, at det godt kan ske igen, og det kan jeg ikke acceptere,« forklarer Lisbeth Andersen, som begrædte sin mand i torsdags. Selv om hun er vred over den fejl, som blev begået hos alarmcentralen, har hun ikke tænkt sig at skrive en officiel klage.
Jørgen Andersen blev 64 år.

bo@bt.dk



"Ambulance dispatched to wrong city"
Dagbladet BT, 11. May 2004

Better addressing thus has substantial economic and practical value and a very considerable, even if often unrecognized, importance.

But first of all it is necessary the harmonization of data.



Brunskogsbacken 6 1101
12345 Farsta
Stockholm



Egevej 6 1 TV
2400 København NV



Herjevej 360/6 Chodov
149 00 Praha 41



Flat 1A 6, Mainstreet
Fairfield Wandsworth
London SW18 1ED



Calle Mayor 13,
Cortijo del Marqués 41037
Écija (Sevilla)



Wiesenstrasse 13A
63477 Münster





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EURADIN – EUropean ADdress INfrastructure

*has been a successful EU project that aimed to constitute a Best Practice Network in order to promote the European Address harmonization regarding the **definition, registration and access** to the European Address Data*



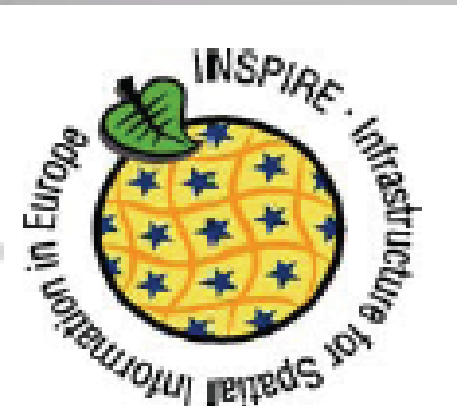
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EURADIN has been working to develop a practical implementation of the INSPIRE Directive's address theme

covering as many countries in Europe as possible.



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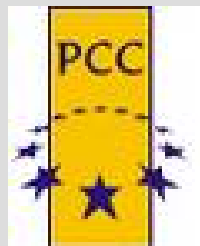


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*30 public and private sector organisations
from 16 countries across Europe*



And of course Cadastral Institutions of

*Austria,
Belgium,
The Netherlands,
some landen of Germany,
Hungary,
Latvia,
Lithuania,
Norway,
Sweden,
Portugal
Spain.*



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Euradin has provided:

- *reports on existing implementations, standards, data flows, metadata requirements, business model and recommendations for best practices in addressing infrastructures.*
- *important contributions to the implementation of the INSPIRE directive on addresses by supporting the development and testing of the common data specification*
- *a gazetteer service that return address in the INSPIRE address data model. Implementing OGC WFS 1.1.0, using Deegree 2.3 and GML 3.2.1 as output format*

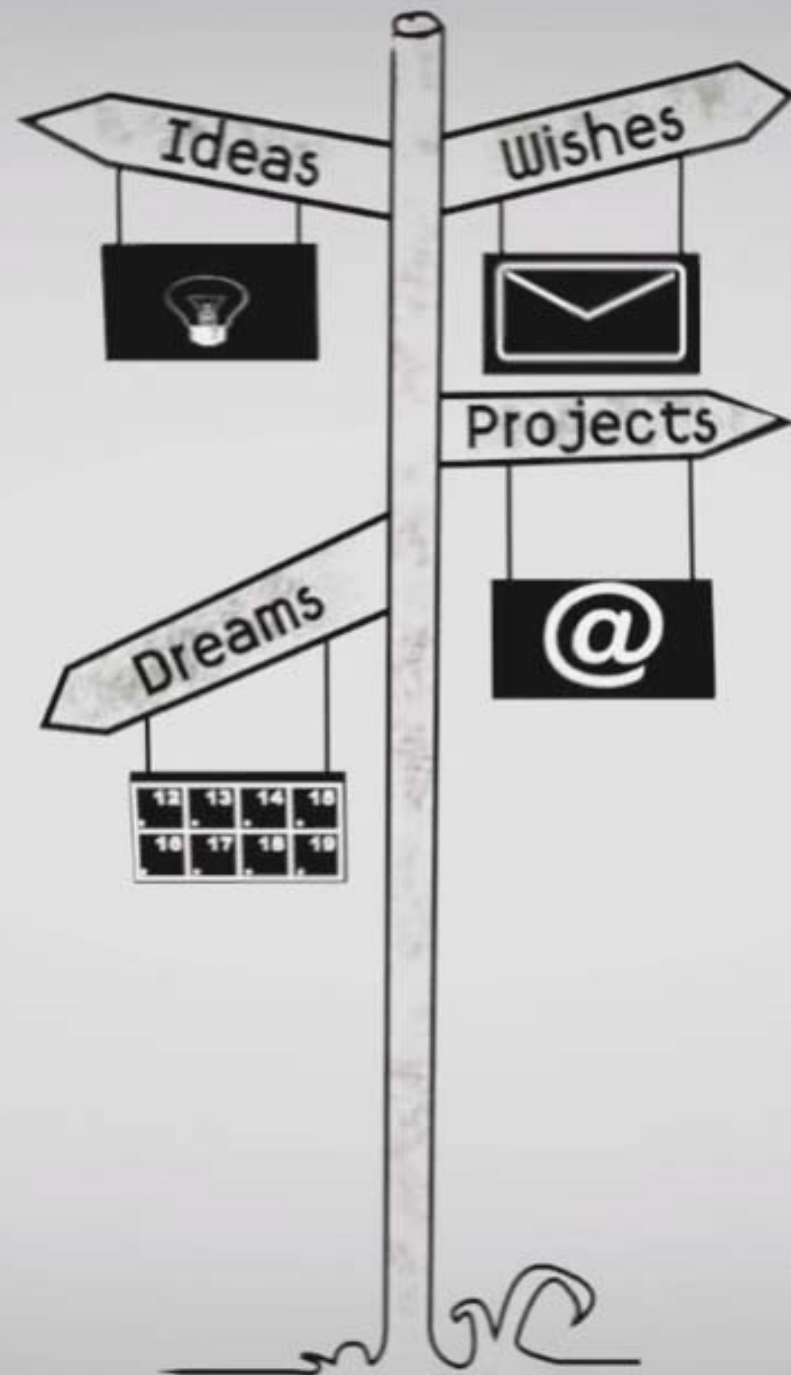


**European
Address
Forum**

At the end of EURADIN project the [European Address Forum \(EAF \)](#) was launched.



EAF is an open forum that aims to encourage the development of well constructed addressing processes and the availability and efficient use of harmonized and good quality address data throughout Europe using the framework of the INSPIRE Directive for the benefit of citizens, business and governments.





EAF has been created in the context of EURADIN, but it is an open forum for all stakeholders involved in addressing processes,

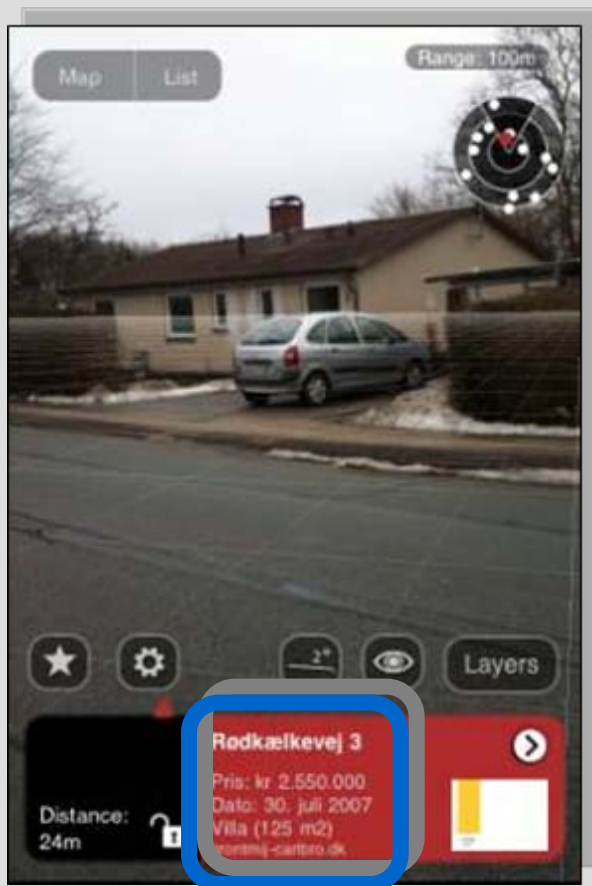
in the collection, maintenance, use and dissemination of address data.



The Forum **aims** to:

- Consolidate a network of stakeholders
- Promote best practices
- Support EU policies (e.g. INSPIRE)
- Offer a meeting point
- Propose address quality assessment methodologies
- Make address data more accessible

The European Address Forum wants to encourage the use of addresses, from emergency response efficiency to new value-added products and applications



There are many new Business Opportunities

Example:

Price of real estates on your smartphone

On the street point your smartphone camera at a house and see the latest sales price

(Potentially also any other published information related to this address ...as other cadastral data)

Courtesy of Grontmij | Carl Bro

Some activities of the EAF

- *The establishment of an Europe-wide network of addressing experts;*
- *The production and maintenance of an online information resource;*
- *The publication of a periodic electronic newsletter;*

Participate in the relevant European events

Initiate surveys, position papers and reports on the “state of play” on addressing issues in the EU member states;

Colaborate with EU institutions on the INSPIRE Addresses theme,

etc





Result of Assessment of Benefits

- Direct, measurable economic benefits from re-use of public address data 2005-2009:
~ **63 mill. EUR** (~471 mill. DKK)
- Assessed benefits this year 2010:
~ **14 mill. EUR** (~105 mill. DKK)
- Cost of data agreement 2003-2009:
~ **2.6 mill. EUR** (~20 mill. DKK)
~ This year 2010: 0.2 mill. EUR (~1.5 mill. DKK)



Conclusion – until now:



A pure success-story:
public reference address data
from only a few users
to >1 mill. users in 5 years
Almost no costs – only benefits



The Spanish Address Forum is derived from European Forum .

And in this context we have just developed the model of standardized and georeferenced addresses for the public administration of the Spanish State and associated road network.

Have participated:



*the National Institute of Statistics
the Geographic National Institute
the Directorate General for Cadastre
Postal and Telegraph National Enterprise
and State Tax Administration Agency*





*The Ordnance Survey (OS),
The Local Government Group
and intelligent-addressing*

have reached agreement on how the National Land & Property Gazetteer (NLPG) and National Street Gazetteer will be developed and how these datasets can best be integrated and maintained.

“Commercial competition over the nation’s addressing has been quite a feature of the UK’s geographic information scene for about ten years.

This new approach is something that has been proposed many times before but perhaps conditions were not right then.

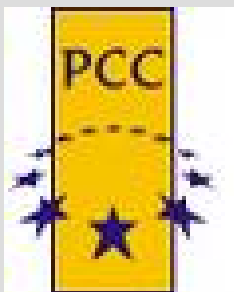
Now, the changes at Ordnance Survey and the new focus on efficiency in government have created conditions where resolution is both more achievable and more urgent”.

National initiative

◆ *BeSt Address*

- *Several work groups*
 - *10 years of genesis and maturation*
- *Federal and Regional partners from the beginning*
 - *Patrimonial Documentation of PFS Finance*
 - *National Geographic Institute*
 - *FEDICT (PFS ICT)*
 - *3 Regions*
- *Many more partners for deployment*
 - *589 Municipalities*
 - *National Registry of FPS Interior*
 - *Statistics General Direction of FPS Economy*
 - *Crossroads Bank for Enterprises of FPS Economy*
 - *“bpost” and future postal competitors*
 - *... others could join them*

**General Administration
of Patrimonial Documentation
BeSt Address**

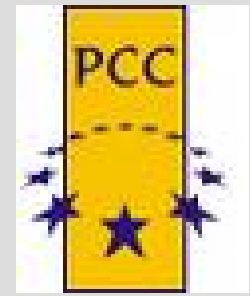


We do not know the role that the EAF will play in the future

but because of the importance of the theme and the amount of cadastral institutions responsible of addresses

don't you think that the PCC has to be important part of this forum?

*if PCC has to be important part of this forum.....
What we can do?*



for example:

Next year in the PCC meeting in Hungary

Can we organize a EAF meeting to share our practices in this topic?

Other ideas?



Thank you very much for your attention.



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