

spatial data for all of science

Consortium meeting, 29 March 2012, Delft

maps4science.nl

Agenda (10-12 uur)

0. opening, welkom
1. terugblik uitslag NWO roadmap
2. praktische zaken
3. opties toekomst M4S
4. rondvraag, sluiting

Welkom, deelnemers

- Verwacht: WUR (Henk Janssen), DANS (Rene van Horik), UT/ITC (Rolf de By), NLR (Rob van Swol), Kadaster (Nico Bakker), Min I&M (Dirk van Barneveld), NWO/STW (Margriet Jansz), GBN (Camille van der Harten), Areovision (Tamme van der Wal), IIP-Geo (Jacqueline Meerkerk), TUD (Paul Suijker, Michel Beerens, Peter van Oosterom)
- Afmedingen: VU (Joop van der Schee/Henk Scholten), UvA (Tom van Engers), UU (Steven de Jong), RWS (Wim de Haas), Geonovum (Martin Peersmann)
- Onzeker: NWO, PBL, NCG, Het Waterschapshuis, Min ELI

Agenda (10-12 uur)

0. opening, welkom

1. terugblik uitslag NWO roadmap → wat kunnen we hiervan leren?

- NWO oordeel M4S
- context: wat wel op roadmap/financiën
- reflectie op NWO oordeel
- opgebouwde support

2. praktische zaken

3. opties toekomst M4S

4. rondvraag, sluiting

Oordeel NWO roadmap commissie, 2 maart 2012

Positief:

- “this facility is an interesting undertaking and... the Dutch scientists involved are well known in the field”
- “the potential interest for the coupling of geospatial and social data is high”



Oordeel NWO roadmap commissie, 2 maart 2012

Negatief:

1. “unrestricted linking and discovery of information vs. the privacy aspect”
2. “support letters are from infrastructure specialists and not from the envisioned users' community”
3. “high projected costs ... considering that a significant part of the budget is intended for basic R&D”

Oordeel NWO roadmap commissie, 2 maart 2012

Uitslag bekend gemaakt door Staatssecretaris Zijlstra (OCW):

- € 18,6 miljoen: Mouse Clinic for Cancer and Aging research (MCCA)
- € 13,5 miljoen: Proteins@Work; een grootschalige proteomics-onderzoeksfaciliteit voor de life sciences
- € 18,5 miljoen: Een ultra-hoge veld NMR-faciliteit voor Nederland
- € 18 miljoen: SAFARI: de geschiedenis van het heelal herschreven
- € 11 miljoen: Magnetenlaboratorium van wereldformaat

Drie organisaties een aanmoedigingsbedrag (€ 0,5-1,0 miljoen)

CLARIAH

Towards a consolidated Dutch Biobanking Hub

The Generations and Gender Programme

Van 34 GOF voorstellen 27 op roadmap → slechts 6 anderen niet!

	REVIEWER 1	REVIEWER 2	REVIEWER 3	REVIEWER 4	GEMIDDELD
1. SCIENCE CASE	<i>excellent</i>	too much traditional SDI <i>very good</i>	uniform API <i>very good</i>	why is the facility the best way to solve the science case. <i>very good to excellent</i>	4,375
2. TALENT CASE	<i>excellent</i>	not enough detail <i>very good</i>	<i>excellent</i>	<i>excellent</i>	4,75
3. INNOVATION CASE	<i>excellent</i>	structure of section unclear <i>very good</i>	virtual immersion facility?? <i>very good</i>	<i>very good to excellent</i>	4,375
4. PARTNERSHIP CASE	<i>excellent</i>	<i>excellent</i>	Gates foundation and USAID support letters missing <i>good</i>	<i>good</i>	4
5. BUSINESS CASE	explain costs; why costs beyond personnel costs; <i>good</i>	well balanced, maybe too high on infra <i>excellent</i>	<i>very good</i>	not cost efficient; more decentralised would save money. <i>good</i>	3,75
6. TECHNICAL CASE	drowning by data <i>very good</i>	more on linked data <i>very good</i>	<i>excellent</i>	handling large data set must be incorporated in consortium <i>very good</i>	4,25
7. NL FOCUS	<i>excellent</i>	<i>excellent</i>	<i>very good</i>	<i>very good</i>	4,5
8. CRITICAL MASS	<i>excellent</i>	<i>excellent</i>	lack of intern. Support letters. <i>good</i>	<i>very good</i>	4,25
9. EMBEDDING	describe network better <i>excellent</i>	<i>very good</i>	<i>good</i>	<i>very good</i>	4
10. WILLINGNESS TO COLLABORATE	<i>excellent</i>	<i>excellent</i>	concrete commitments are lacking <i>fair</i>	proof for collaboration is not in the proposal. <i>good</i>	3,75
11. SOCIAL TRENDS	<i>excellent</i>	<i>excellent</i>	<i>excellent</i>	<i>excellent</i>	5
OVERALL	<i>excellent</i>	too much classical SDI <i>very good</i>	explicit information regarding resources for collaboration <i>very good</i>	proposal must be more focussed, not all can be achieved. <i>very good to excellent</i>	4,375

1. unrestricted linking and discovery of information vs. the privacy aspect

- Dit is een van de aspecten die zeer uitgebreid aan de orde komt in het voorstel
- Hier wordt zeer veel aandacht aan besteed: het staat vaak genoemd in het voorstel en wordt optimaal afgedekt met gericht onderzoek op dit thema

2. support letters are from infrastructure specialists and not from the envisioned users' community

- Correct, support letters van geo-data producenten en geo-ICT industrie, maar deze partijen zijn zeer onmisbaar: data + tools
- Users (onderzoekers) in voorstel: direct of via bibliotheek ('geoloket klanten'), partnerbrieven van rector, decaan of directeur
- In voorstel 6 onderzoeken expliciet (door toponderzoekers) en 4 daarvan zijn geïllustreerd in video
- Parallel met UK EDINA: gebruikers uit alle onderzoekshoeken gebruiken massaal jaar in jaar uit deze geo-data

3. high projected costs ... considering that a significant part of the budget is intended for basic R&D

- Gevraagde subsidie was aanzienlijk, maar goed onderbouwd 7 jaar
- Hoge ambitie: (ver) voorbij state-of-the-art GII
- Redelijk deel R&D ingeplanned, maar niet buiten proportie (en nodig voor realiseren van de geavanceerde faciliteit)
- Grootste deel gaat naar de faciliteit zelf: opslag, rekenkracht, bandbreedte en geo-software (en staf)
- Vertrekpunt is optimaal met steun van toonaangevende industrie partijen ESRI, Oracle, en Google

Supporters nationaal (1/3)

red = new after 31 aug'11

- SURF, Prof. dr. W.B.G. Liebrand
- Netherlands eScience Centre, Prof. dr. Jacob de Vlieg
- Kadaster, Dr. ir. M.A. Salzmann
- TNO | Geological Survey of the Netherlands, Dr. M.J. v/d Meulen
- KNMI, Royal Netherlands Meteorological Institute, Dr. G.H.J. v Oord
- RWS-DID, Rijkswaterstaat, Data-ICT-Dienst, Ir. Arie Versluis, MBA
- AHN Programme, Ir. R. van der Velden
- Het Waterschapshuis, Drs. J.W.A. van Enst
- The Hydrographic Office (Def), Kortenoeven, Kapitein ter Zee
- PBL - Netherlands Environmental Assessment Agency, Ir. R. v/d Berg
- Netherlands Space Office, Dr. G. Nieuwpoort
- Geo Business Nederland, Drs. E.H.T.M. Nijpels
- Geomatica Business Park, Prof. ir. J. Stuip
- Noldus Information Technology, Dr. L.P.J.J. Noldus

TNO | Geological Survey of the Netherlands

- Quotes Dr. M.J. v/d Meulen:
 - *'..Maps4Science will help users to work with our data, especially where 3D analyses and combinations with other data types are concerned'*
 - *'..we would be happy to discuss delivering our data through Maps4Science. Beyond being a data provider, we could discuss participation and collaboration'*
 - *'I wish you all the best in getting the Maps4Science funded and look forward to future collaboration'*



Supporters nationaal (2 / 3)

- KNAW-NCG, Netherlands Geodetic Commission,
Prof. dr. ir. M. Molenaar
- GeoFort, Drs. Willemijn Simon van Leeuwen
- Next Generation Infrastructures, Prof. dr. ir. M.P.C. Weijnen
- Stichting Arbeidsmarkt Geo, H. Westerbeek, MSc
- ICT Innovation Platform for Geo-information, Ir. Th. Thewessen
- Ministry of Infrastructure and the Environment (I&M),
Drs. H.W.J. Ovink
- Ministry of Economic Affairs, Agriculture and Innovation (ELI),
Drs. J. Gooijer
- DataLand, Ir. M. Jellema
- Statistics Netherlands (CBS), Drs. W. van Nunspeet
- NMDC (National Model and Data Centre), Ir. W.J. Nieuwenhuizen
- Deltares, Prof. dr. H.J. de Vriend
- Publieke Dienstverlening op de Kaart (PDOK), Ir. Pieter Meijer

Quotes I&M en ELI



Rijksoverheid

*"we [I&M, ELI] are working on the implementation of a National Infrastructure for Geo-information. This infrastructure includes a system of base-registrations, a national distribution and access point for geo-information (**PDOK**, Public services on Maps, **National GeoRegister**) and a Shared Service Organization Geo-information (**SSO-Geo**). ... In the future, we will need a complementary infrastructure which is able of managing diffuse, high volume data and make it available for users in a practical manner. This is a next step in the evolution of geo-information infrastructures. Science has to make advancements to bring this to reality. We believe that **Maps4Science** can fulfil this need."*

*"We [I&M] also see possibilities for commercial spin-off which will contribute to a more knowledge-based economy. Application of geo-information within the '**topsectoren**' spring to mind."*

Deltares, NDMC, PDOK



- Prof. de Vriend, director of Science Deltares:
 - '*pressing need for the large-scale infrastructure technology proposed by M4S for geospatial data to disseminate our model simulations... The technologies needed for this are exactly the ones mentioned in your Maps4Science proposal'*
- Ir. W.J. Nieuwenhuizen, Chairman PB NMDC:
 - '*..most traditional map technology implementations cannot deal with the 3D temporal nature of the model generated data yet. NMDC hopes to benefit from collaboration with Maps4science to fill this gap'*
- Ir. Pieter Meijer, PDOK Program Manager
 - '*The PDOK services will be available for the scientific users... M4S does not need to duplicate... can focus on additional services... also of interest for PDOK users. Another interesting aspect... innovative results from M4S ... improve PDOK-service infrastructure'*



Supporters internationaal (3/3)

- OGC, Open Geospatial Consortium, Mark E. Reichardt
- Geoide Network, Canada, Prof. dr. Nicholas Chrisman
- CRC-SI, Cooperative Research Centre for Spatial Information, Australia, Dr. Peter Woodgate
- KU Leuven, Instituut voor de overheid, Dr. Joep Crompvoets
- ISO/TC 211 Geographic information/Geomatics, Olaf Østensen
- EuroSDR, Jean-Philippe Lagrange
- EDINA, UK National Data Centre (Uni Edinburgh), Peter Burnhill
- GSDI, Global Spatial Data Infrastructure Ass, Dr. Abbas Rajabifard
- AGILE, Danny Vandenbroucke, MSc
- EuroGeographics, Dave Lovell, OBE FRGS CGeog
- Oracle, James K. Steiner
- Esri, USA, Jack Dangermond
- Google, Ed Parsons

Quotes Internationaal



- Ed Parsons, Geospatial Technologist, Google:
 - *'We support the Maps4Science project ... We expect Maps4Science to have an **impact far beyond the GI Science community**'*
- Jack Dangermond, President ESRI:
 - *'We have been exposed to the **excellent scientific production** of your group and other groups in the proposal consortium...Funding the M4S infrastructure will again **demonstrate Dutch leadership** in the global field of geoinformation'*
- Peter Burnhill, Director EDINA, UK National Data Centre:
 - *'.M4S will be important in providing the basis for **collaboration for researchers in Europe**... our organisation is open to discuss cooperation... to establish bi-lateral arrangement'*



Agenda (10-12 uur)

0. opening, welkom

1. terugblik uitslag NWO roadmap

2. praktische zaken

- overzicht financiën aanvraag → Camille
- verdere acties (AGILE workshop) → Rolf
- website (maps4science.nl) → Peter
- nieuwsbrieven... → Jacqueline

3. opties toekomst M4S

4. rondvraag, sluiting

Website vernieuwd

maps4science.nl

- Overgang naar sub-pagina's (ipv een grote pagina)
- Overal M4S illustraties toegevoegd
- Video op home page
- Continue up-to-date (events, documenten, support letters,...)
- Bevat de nieuwsbrieven
- Bevat nog niet de FAQ

→ Wellicht wat 'te bond' (redesign nodig?)

Maps4Science Home - Mozilla Firefox

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maps4science.nl

maps4science.nl

Newsletter04.pdf (application/pdf Object)

EDINA, U

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Summary

Maps4Science provides the Dutch academic community easy, fast, cost-effective access to the wealth of spatial data (also known as geo-information - GI) that is available, both earth and socio-economic data including multi-temporal and level of detail support. GI is an enabler for new research in domains like biology, medicine, architecture and history. The science case is the integral of mono-disciplinary sciences cases in addition to setting up a unique science programme for studying and improving the facility.

News

Maps4Science will not be included in the National Road Map for Large-scale Research Facilities, so will have to look for funding elsewhere ([see News flash nr. 4](#)).

Newsletters describe the ongoing developments:

[News flash nr. 4 February/March 2012 \(Dutch version\)](#)
[News flash nr. 3 January 2012 \(Dutch version\)](#)
[News flash nr. 2 December 2011 \(Dutch version\)](#)
[News flash nr. 1 October/November 2011 \(only Dutch version\)](#)

The **Maps4Science video** with four scientific use cases as examples:

Maps4Science Description - Mozilla Firefox

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maps4science.nl/description/ Newsletter04.pdf (application/pdf Object) +

maps4science.nl/description/ EDINA, U

maps4science

Unique selling points

- Spatial enabler for all of science
- High density data ecosystem
- Nationwide collaboration

Description

The Netherlands is historically known as one of worlds' best-measured countries. It is continuing this tradition today with unequalled new datasets, such as the nationwide large-scale topographic map, our unique digital height map (nationwide coverage; ten very accurate 3D points for every Dutch m²) and a range of public and private collections of environmental and socio-economic geo-datasets. Despite the wealth of existing and well-maintained geoinformation (GI), the access to GI for our academic community is rather poor. In particular, science domains discovering the enabling power of GI have difficulties in accessing and using it. Initial analysis shows that i) legal and commercial licence restrictions, ii) technical inability to deal with more advanced types of spatial data and iii) lack of awareness are the top three barriers preventing large uptake in science. This is a missed opportunity to achieve scientific breakthroughs in a wide range of scientific disciplines.

Nowadays, science groups gain competitive advantage through using the ICT infrastructure in a creative and productive way. As 80% of all data has a spatial component, the emerging availability of GI and the growing ability for real time monitoring make it a very powerful enabler in many scientific fields. Maps4Science will provide scientists with the required geo-information and associated tools and services for discovery and analysis. It will provide a geo-ICT infrastructure to allow unrestricted experimentation, linking and discovery of information, as much as possible.

M4S ambition levels

2014 2016 2018 2020

Maps4Science Consortium partners - Mozilla Firefox

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Consortium partners

main applicant: [Technische Universiteit Delft, OTB](#)
[Alterra](#)
[Data Archiving and Networked Services \(DANS\)](#)
[Geonovum](#)
[NLR](#)
[Universiteit van Amsterdam](#)
[Universiteit Twente, ITC](#)
[Universiteit Utrecht](#)
[Vrije Universiteit Amsterdam / EduGIS, Onderwijscentrum VU](#)
[Wageningen Universiteit](#)

1. Prof. dr. ir. Peter van Oosterom
2. Ir. Jandirk Bulens
3. Dr. Peter Doorn
4. Drs. Rob van de Velde
5. Dr. Rob van Swol
6. Prof. dr. Tom van Engers
7. Dr. ir. Rolf de By
8. Prof. dr. Steven de Jong
9. Prof. dr. Joop van der Schee
10. Prof. dr. ir. Arnold Bregt

M4S Management structure

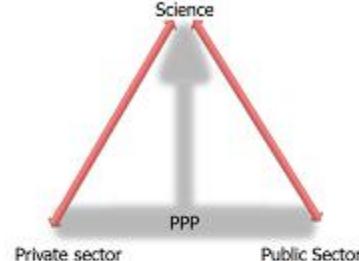
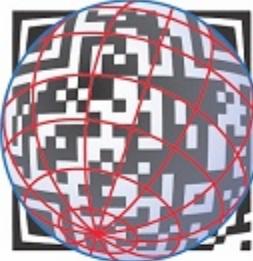
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graph LR; Board[Board] --- NAP[NAP]; Board --- IAP[IAP]; Board --- Support[Support]; SD((Strategic decisions)); PR((Peer review))
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Maps4Science Supporters - Mozilla Firefox

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maps4science.nl/supporters/ EDINA, U



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Supporters

Support letters received from international organizations (click on number to view the support letter):

OGC, Open Geospatial Consortium	I01	Mark E. Reichardt <i>President & Chief Executive Officer</i>
GEOIDE Network, Canada	I02	Prof. dr. Nicholas Chrisman <i>President</i>
CRC-SI, Cooperative Research Centre for Spatial Information, Australia	I03	Dr. Peter Woodgate <i>Chief Executive Officer</i>
KU Leuven, Instituut voor de overheid, Belgium	I04	Dr. Joep Crompvoets <i>Associate Professor, Public Management Institute KU Leuven</i>
ISO/TC 211 Geographic information/Geomatics	I05	Olaf Østensen <i>Chairman, ISO/TC 211</i>
EuroSDR, European Spatial Data Research Network	I06	Jean-Philippe Lagrange <i>President</i>
EDINA, UK National Data Centre (University of Edinburgh)	I07	Peter Burnhill <i>Director</i>
GSDI, Global Spatial Data Infrastructure Association	I08	Prof. dr. Abbas Rajabifard <i>President</i>
AGILE, Association of Geographic Information Laboratories for Europe	I09	Danny Vandenbroucke, MSc <i>Secretary General</i>
EuroGeographics	I10	Dave Lovell, OBE FRGS CGeog <i>Executive Director</i>
Oracle	I11	James K. Steiner <i>Vice President</i>

Maps4Science Scientific breakthroughs - Mozilla Firefox

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maps4science.nl/breakthroughs Newsletter04.pdf (application/pdf Object) +

maps4science.nl/breakthroughs EDINA, U

The page displays a sidebar with links to Home, Description, Consortium partners, Supporters, Scientific breakthroughs, Documents & links, and Events. The main content area features a QR code, the maps4science logo, a graph titled 'M4S future' showing 'usage' and 'costs' over time, a list of 9 scientific breakthroughs, a donut chart titled 'Geology Digimap User Disciplines', and a legend listing 15 user disciplines.

M4S future

usage

costs

time

SCI 1.0 Maps4Science SCI 2.0

75% NWO
25% OWN

1. Architecture, resources and standards
2. Usability and dissemination modes
3. Management of very large data sets
4. Semantics of GI
5. Services, searches and optimization
6. Standardized data models and data quality
7. Volunteered GI and citizen science
8. GI-assessment
9. Satellites as a service

Geology Digimap User Disciplines

A donut chart illustrating the distribution of Geology Digimap users across various disciplines. The largest segment is represented by a dark red/purple color, followed by blue, yellow, and other smaller segments in various colors.

User Discipline	Approximate Percentage
Agriculture, food, and forestry	~1%
Architecture and planning	~1%
Biological sciences	~1%
Business and management studies	~1%
Communication and media studies	~1%
Creative and performing arts	~1%
Education and research methods	~1%
Engineering	~1%
Geography and environment	~1%
Humanities	~1%
Law	~1%
Mathematics and computer science	~1%
Medicine including dentistry	~1%
Nursing, midwifery and health studies	~1%

Legend:

- Agriculture, food, and forestry
- Architecture and planning
- Biological sciences
- Business and management studies
- Communication and media studies
- Creative and performing arts
- Education and research methods
- Engineering
- Geography and environment
- Humanities
- Law
- Mathematics and computer science
- Medicine including dentistry
- Nursing, midwifery and health studies

Maps4Science Documents & links - Mozilla Firefox

File Edit View History Bookmarks Tools Help

maps4science.nl/documents/ Newsletter04.pdf (application/pdf Object) +

maps4science.nl/documents/ EDINA, U

The screenshot shows the Maps4Science website in a Mozilla Firefox browser. The top navigation bar includes 'File', 'Edit', 'View', 'History', 'Bookmarks', 'Tools', and 'Help'. The address bar shows 'maps4science.nl/documents/'. The main content area features the 'maps4science' logo with a globe icon, a word cloud diagram, and a sidebar with links to various sections. A large red banner on the right side lists 'Documents & links'.

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Maps4Science documents (most recent first):

- News flash nr. 4, February/March 2012 ([Dutch version](#))
- News flash nr. 3, January 2012 ([Dutch version](#))
- NWO Interview, 10 January 2012, handouts
- NWO Interview, 10 January 2012, additional slides
- Examples video - four scientific use cases: [YouTube version](#) (streaming), [low resolution version](#) (8 MB), [medium resolution version](#) (26 MB), [high resolution version](#) (53 MB)
- Letter of Intent for the foundation and future of Maps4Science, 4 January 2012
- News flash nr. 2, December 2011 ([Dutch version](#))
- Trial Interview slides, 13 December 2011
- Trial Interview slides, 12 December 2011
- News flash nr. 1 (in Dutch), October/November 2011
- Maps4Science proposal, August 2011

Maps4Science Consortium meeting, 24 October 2011, Library TU Delft:

- [Maps4Science](#) (Peter van Oosterom)
- [UU Geo-loket](#) (Maarten Zeylmans)
- [Special map collections WUR library](#) (Liesbeth Missel)
- [GeoDesk - Alterra/WUR](#) (Jandirk Bullens)
- [Geo data warehouse - UT/ITC](#) (Rolf de By)
- [TU Delft Maps](#) (Paul Suijker)
- [VU Geoplaza](#) (Peter Vos, Ronnie Lassche)
- [Building the e-Infrastructure](#) (René van Schaik)

Some links and documents (elsewhere) related to Monod Science

Maps4Science Events - Mozilla Firefox

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maps4science.nl/events/

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Events

Relevant events in the context of Maps4Science (most recent first):

- 27 April 2012: [5D Modeling Seminar](#) (also see [abstracts](#)), part of [Geospatial World Forum 2012](#) (location: RAI, Amsterdam)
- 24 April 2012: Workshop on Testing Geospatial Web Services ([Call for Participation](#)) - [Scientific SDIs at AGILE 2012](#) (location: Avignon, France)
- 21 March 2012: [Opening Satellietdataportal](#) (Dutch website) (location: Netherlands Space Office/CentreCourt, Den Haag)
- 6 March 2012: [Open data workshop IIP Geo](#) (Dutch website) (location: IBM, Amsterdam)
- 16 February 2012: presentation at Studiemiddag 'Digitale Duurzaamheid van Geodata' (location: NWO, Den Haag)
- 24 November 2011: Maps4Science presentation at KNAW, Netherlands Geodetic Commission (location: Kadaster, Apeldoorn)
- 16 November 2011: during IIPGeo presentation at [ICT Delta 2011](#) (Dutch website) in session 'Geo als ICT innovatie-as in een open data omgeving' (location: World Forum, Den Haag)
- 15 November 2011: presentation at GBN meeting 'Geo onder Rutte 1' ([GeoBusiness Nederland](#), Dutch website) (location: Capgemini Nederland, Utrecht)
- 9 November 2011: presentation at the OGT meeting ([Overlegorgaan Gebruikers TOPvector](#), Dutch website) (location: CBS, Den Haag)
- 3 October 2011: Maps4Science presentation at TNO Geological Survey (location: TNO, Utrecht)

Newsletter04.pdf (application/pdf Object) - Mozilla Firefox

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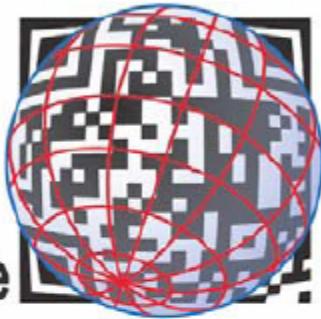
Maps4Science Home Newsletter04.pdf (application/pdf Object)

maps4science.nl/documents/Newsletter04.pdf

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Print | Back | Forward | Page 1 / 3 | Zoom | Hand | Magnifying glass | Sign | Find

Nieuwsflits nr. 4 – februari/maart 2012



Grote behoefte aan Maps4Science

Het consortium is helaas op 2 maart te horen gekregen dat zij niet wordt opgenomen (en dus ook niet in aanmerking komt voor financiering van NWO) in de nationale roadmap voor Grootchalige Infrastructuren. Het consortium komt eind maart bij elkaar om te bekijken hoe Maps4Science toch door te zetten is. Want als er een ding duidelijk is, dan is het wel dat de geest echt uit de fles is! Uit tal van bronnen komt de roep en noodzaak voor een goede geo-data (en services) onderzoeksinfrastructuur. Het afgelopen half jaar is er een heel sterk consortium gevormd en zijn de ideeën voor dit **wetenschappelijk**

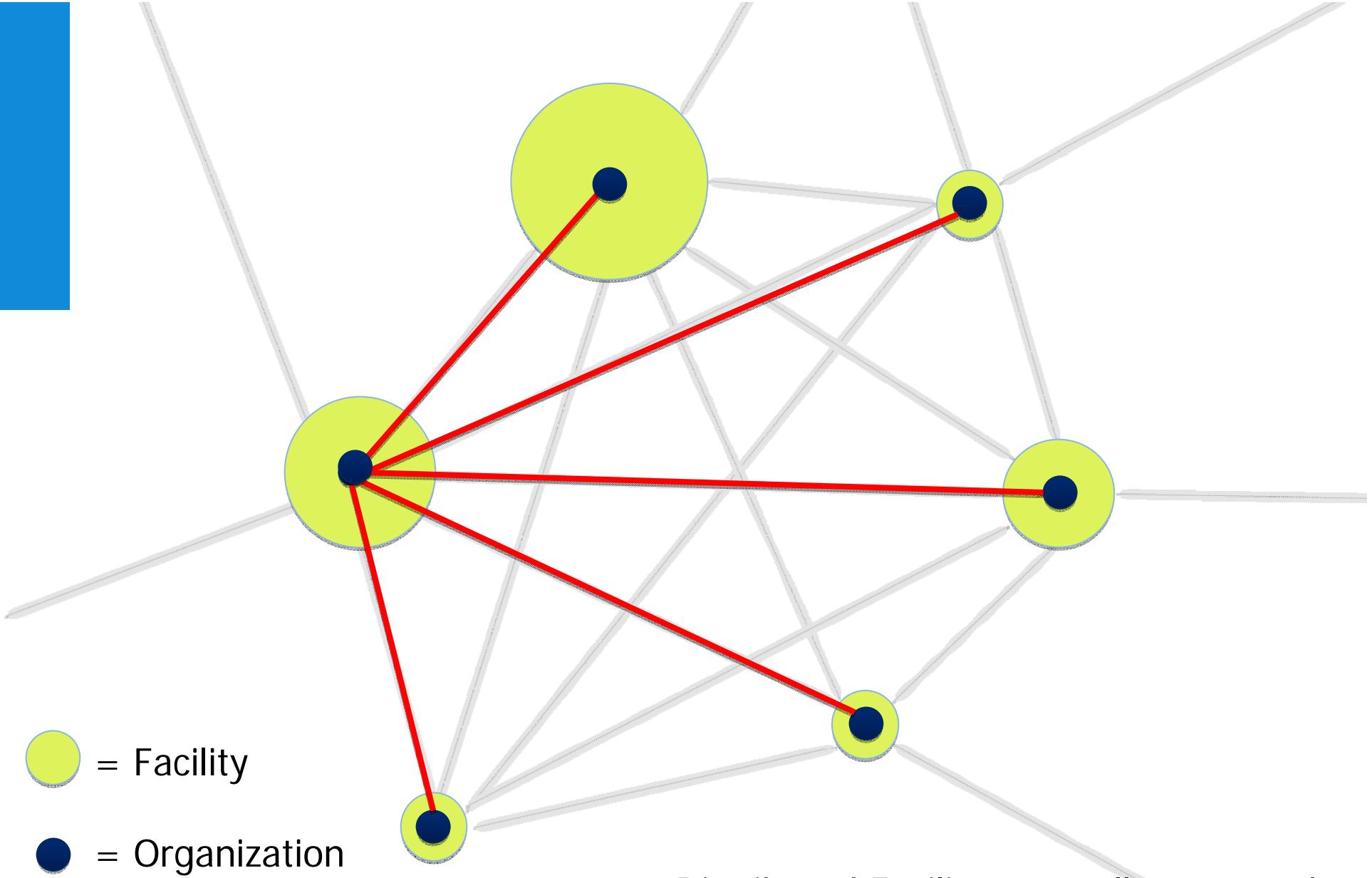
- "unrestricted linking and discovery of information vs. the privacy aspect"
- "support letters are from infrastructure specialists and not from the envisioned user community"
- "high projected costs ... considering that a significant part of the budget is intended for basic R&D"



Het consortium zal de beoordeling meenemen naar evaluatie en hier haar voordeel mee doen voor de toekomst. De bijdrage die Maps4Science kan leveren aan de wetenschap (zowel aan de gebruikerskant als aan de geo-info onderzoeksrand) blijft overeind en is urgent voor een brede groep gebruikers. We zullen daar alternatieven onderzoeken; b.v. via een Europees voorstel (zie hieronder) en/of in het verlengde de UKB-werkgroep Kaarten&GIS (Universiteit en Koninklijke Bibliotheek).

Agenda (10-12 uur)

0. opening, welkom
1. terugblik uitslag NWO roadmap
2. praktische zaken
3. opties toekomst M4S
 - GOF 2014/16 → Peter
 - operationele faciliteit, state of the art (UKB/GIS) → Paul
 - onderzoek verbetering faciliteit → M4S kern-team
4. rondvraag, sluiting



Opnieuw proberen GOF 2014/16 ?

- Kritische zelfreflectie, negatieve punten (niet door NWO genoemd):
 1. Onze EU-dimensie bestaat nog niet echt
 2. Zeer complexe faciliteit, elke vernieuwingen al grote uitdaging (semantiek, geo-DRM, privacy, 3D/4D/5D, link map-source data, enorme data sets, geo-processing, real-time sensors, VGI,...)
→ hoe dit samen in een faciliteit werkend te krijgen
 3. Waar zit M4S: development, support, data, services
- Reacties/advies leden proefinterview commissie & supporters

Leden proefinterview commissie

- Herman Eijsackers: '*...eerst goed afstemmen met EU (Ispra) en van daaruit kijken of Europese fondsen wellicht een optie bieden waarbij Nederlandse fondsen ondersteunen*'
- Kees Kroese: '*Is er nog een mogelijkheid dat potentiële eindgebruikers financieel willen bijdragen om e.e.a. toch te helpen realiseren, misschien in een 'uitgeklede' vorm als een eerste stap? Er is momentum zoals je opmerkt*'
- Peter Apers: '*Jullie hebben jullie vakgebied niet alleen op de NWO-kaart geplaatst maar ook aan jezelf en anderen duidelijker gemaakt wat jullie te bieden hebben. Dat zijn zaken die van belang zijn in een volgende ronde!*'
- Henk Ottens: '*...veel positieve energie losgemaakt in de sector. Daarvoor is jullie team veel dank verschuldigd. ...naar ESFRI en de ESF gekeken. Veelal worden daar Europese roadmap activiteiten gekoppeld aan nationale roadmaps. ...Europese uitbouw van ... op orde zijnde delen van de NL GII'*

Supporters

- Jack Dangermond: '*The infrastructure your are proposing would very much support the use and application of spatial data far beyond the traditional mapping and web-mapping world. I encourage you to keep trying to obtain support for your efforts as I am sure it has great meaning in the evolution of geospatial information technology'*
- Nick Chrisman: '*Too bad, but I am sure you will get a better response from the European programmes. I reviewed a few French proposals to their ANR on infrastructure funding for access to imagery and other data sources. Check with Thierry Joliveau as head of the MAGIS network. Will I see you at Avignon next month?*'
- Wim de Haas: '*Erg jammer dit nieuws. ... De kennisinfrastructuur rondom geodata is wel versterkt en zal niet verloren zijn.*'

UKB/ GIS → Paul Suijker

- UKB (Univ & Koninklijke Bibliotheeken) werkgroep GIS/kaarten al voor het M4S tijdperk bezig met het bundelen van de krachten
- Zelfs state-of-the-art aanpak (geen R&D) en huidige decentrale faciliteiten bundelen in landelijke faciliteit (met steun supporters) moet voor veel onderzoekers een enorme verbetering opleveren
- Nederland dan al voorbij niveau van EDINA in de UK. De vraag is wie wil dit oppakken of coördineren (UKB/GIS, DANS,...)?
- Aanpalende geo-informatie onderzoek voor verbetering

Opties voor financiering onderzoek

- FP7/ ICP, Eurogeographics voorstel (Nico Bakker)
- STW perspectief programma (Jacqueline/Margriet)
- FET Flagship pilots/FuturICT (Rolf)
- EU smart specialized regions programma: faciliteiten met nationale/EU uitstraling: in ons geval Randstad 'kansen voor west'
- NWO Zwaartekracht programma
- Zeker niet kansloos voor de 2014 ronde NWO GOF update

Agenda (10-12 uur)

0. opening, welkom
1. terugblik uitslag NWO roadmap
2. praktische zaken
3. opties toekomst M4S
4. rondvraag, sluiting
 - afspraken, wie, wat, wanneer?