

Urban climate resilience European-African knowledge exchange toolbox: www.climatescan.nl

F. Boogaard, Marieke de Groen, Rick Heikoop, Michiel Bosscher, Joost de Haan, 18th Adaptation Futures 2018 Dialogues for solutions, 5th international climate change adaptation conference, Cape Town 18-21 June 2018.

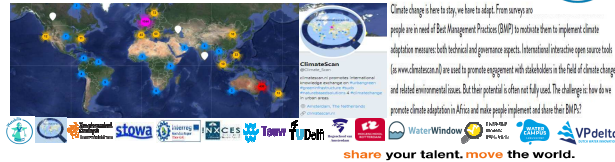
TS 828 Urban climate resilience European-African knowledge exchange toolbox: www.climatescan.nl

Case 5: Climate Scan in African Cities

Case owner: Tauw



Author/s: Floris Boogaard, Hanze University Of Applied Science, Netherlands



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2. Challenges
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 2. Africa (Marieke)
4. Next steps
 - What do you think?
 - Find us, working together?



Case 5: Climate Scan in African Cities
Case owner: Tauw

Climate change is here to stay, we have to adapt. From surveys and people on the ground, Best Management Practices (BMPs) are selected to implement climate adaptation measures both technical and governance aspects. International interactive open source tools (www.climatescan.nl) are used to promote engagement with stakeholders in the field of climate change and related environmental issues. But their potential is often not fully used. The challenge is how to we promote climate adaptation in Africa and make people implement and share their BMPs?

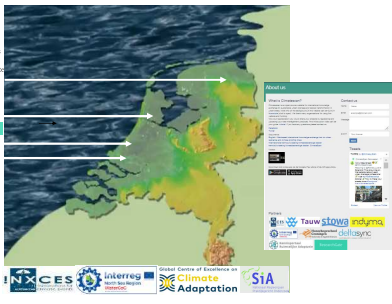
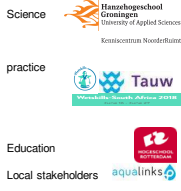
Analysis
Formulating your ambition
Policy and implementation

Analysis
Analysing your area

Ambition
Formulating your ambition

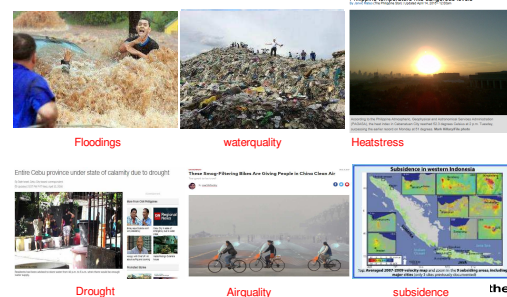
Action
Policy and implementation

Introduction



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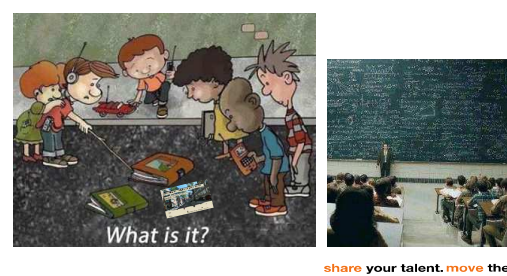
Challenges in urban climate



>1001 BMPs



>1001 SUDS: how to exchange this knowledge?



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world.

The screenshot shows the GreenBlue Networks website. The header includes the logo and navigation links. The main content area features a map of Europe with various cities marked, and a sidebar with text about the network. The text in the sidebar mentions the network's goal to create a web-based international knowledge exchange tool on urban resilience and climate proofing cities, and mentions the RWAIAHR international conference on urban drainage (ICUD), 10-12 September 2017, Prague.

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[illegible]

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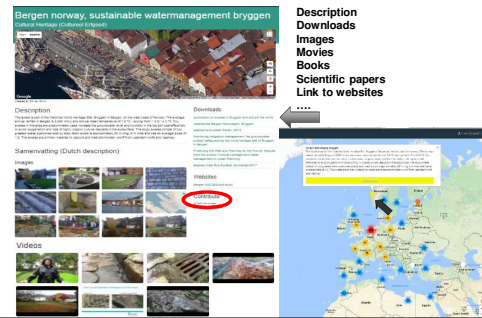
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Upload from desk: docs, links, pictures & movies

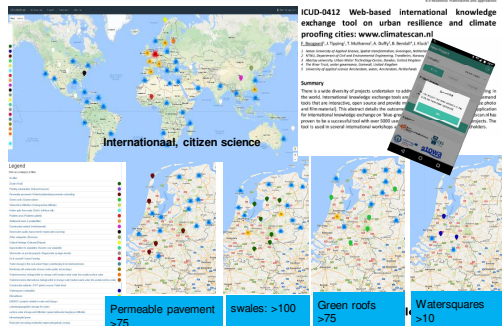
HR, Gif, videos etc
From climatescan community



Project example Bergen (Norway)

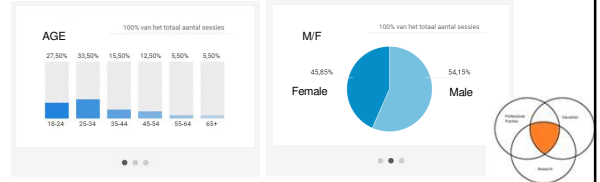


www.climatescan.nl



Users/Target group

- (Young) professionals



More than 60% of the users is younger than 34 years users resulting in engagement with an important target group: young professionals

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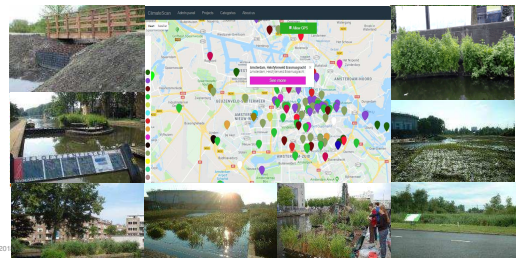
Interaction: ... Top views climatescan (info BMPs)



Dissimination: Fieldtrips

The webtool has been used during international fieldtrips with participants from countries such as Denmark, Australia, UK, Sweden, Norway and USA.

Wetlands Amsterdam



Learning from SuDS: Full scale testing

ClimateScan @Climate_Scan · 4 apr.
permeable pavement tested @ReizenKant: 52 @rotterdamwater locations
@climatescan @Water-3 @armoudmeyer @100ResChes @Oostra @TouwL
@VersterkInhetEngels



ClimateScan @Climate_Scan · 22 jun.
overschrijven van het functioneren van Aardv is en doordende veranderingen?
@Koudemink @WaterleyL @WOODData @TouwL @Thane
@Watermetwerker



world.

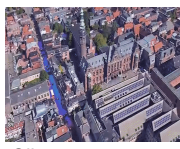
Vintage SuDS: Proof that SuDS are sustainable

ClimateScan @Climate_Scan
#SuDS are sustainable: 20 years ago the first #swales were constructed in Netherlands, time to look back. #GreenInfrastructure #SmartCity



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Several other functions



Climate stresstest



workshops



City scans



Quiz

Can 5 Cities Scan in Africa Cities
Can even Scan
Climate change is here to stay, so it's important that people are aware of it. But how can we make sure that people are aware of it? One way is to use City Scans. City Scans are a way to collect data on the state of the city. They can be used to identify areas that need improvement and to develop strategies to improve the city. City Scans can also be used to monitor the progress of improvements and to evaluate the impact of interventions.

What is your idea?



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Dissimination, raising awareness calibration models with:

City Climatescan:

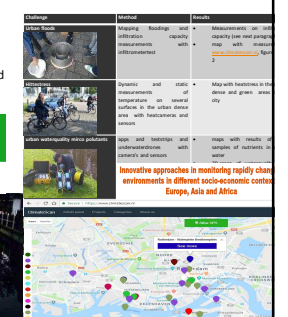
Cityscan for climate adaptation

The wicked problem scan: example Rotterdam

The City Climate Scan methodology: to measure, map, scan and assess different parameters that provide insight into the vulnerability of urban areas and neighborhoods.

A317 City Scan Method

Author/s: Rick Heikoop, Rotterdam University Of Applied Sciences, Netherlands



Interaction: Climatescan goes Africa

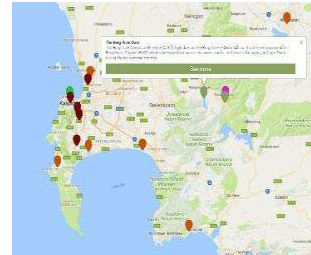
The waterhub in Franschoek



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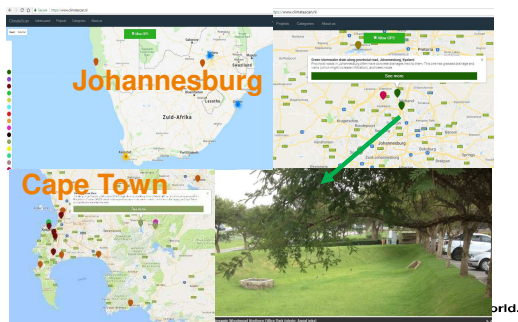
Climatescan in africa

The berg river dam on www.climatescan.nl



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Climatescan in africa



Conclusions

- Results: >3000 projects and >10.000 users
- Most impact/interaction with social media
 - Twitter, facebook, instagram
- Most appreciated:
 - Free/Open source
 - Manage your own categories/BMPs
- Threats:
 - No clear coordination/international format
- Most used for:
 - Workshops, international field visits, EU projects (literature, dissemination)
 - also: contests, benchmark, vintage SUDS

Case 5: Climate Scan in African Cities
Case owner: Taw

Climate change is here to stay, we have to adapt. From surveys around the world it is concluded that people are in need of Best Management Practices (BMP) to motivate them to implement climate adaptation measures: both technical and governance aspects. International interactive open source tools (see www.climatescan.nl) are needed to promote engagement with stakeholders in the field of climate change and related environmental issues. Such tool potential is often not fully used. The challenge is how to promote climate adaptation in Africa and make people implement and share their BMP?

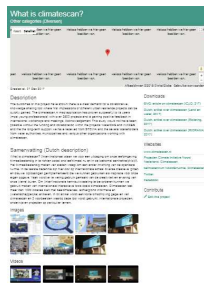
First thoughts 'steps forward'
More engagement with (local) stakeholders
Make it a platform
Thoughts? Work together?

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I want more info!

<https://www.climatescan.nl/projects/2262/detail>

- www.climatescan.nl
- Apps in store
- Presentations
- Scientific papers
- ...



- <https://www.climatescan.nl/projects/2262/detail>

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Thank you

ANY QUESTIONS?

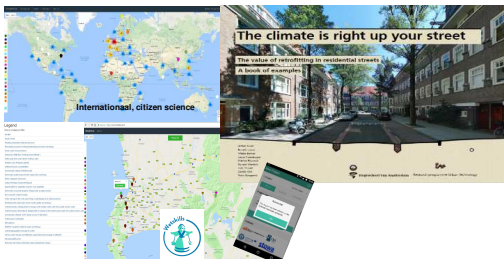


Suggestions: floris@noorderuimte.nl
use/register (free participation and scientific results): www.climatescan.nl
Follow: https://twitter.com/Climate_Scan



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THANK YOU...

ANY QUESTIONS?

A317 City Scan Method

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Author/s: Floris Boogaard, Hanz University Of Applied Science, Netherlands

dr.ir. F (Floris) Boogaard PhD
professor spatial transformations:
floris@noorderuimte.nl
+31651556826

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