### Nadi\_na Galle

## **Internet\_** of\_Nature

Connecting Nature Impact Summit

#### Forever fascinated by nature v. people



I'm an Ecological Engineer, Technologist, and...



#### Former PhD & Post-Doc Researcher



#### Fulbright Scholar & Research Affiliate



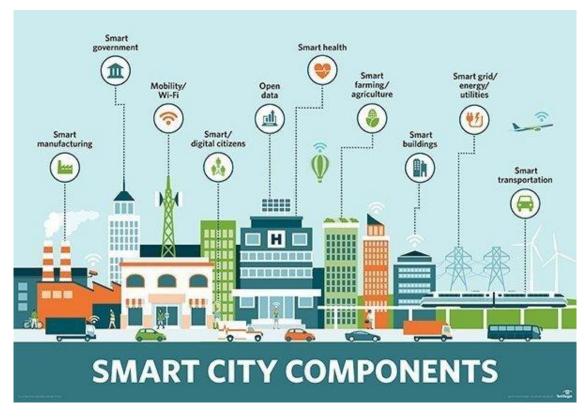
Podcaster, Presenter, TEDx & Keynote Speaker internet\_ of \_nature PODCAST

### There is a gap between "nature-based cities" and "smart cities"





### What's missing from this picture?



Research supported by:



Photo source: TechTarget | Galle, Nitoslawski & Pilla (2019)

#### So, how do we bridge the gap between "nature-based cities" and "smart cities"?



Nitoslawski, Galle, Konijnendijk & Steenberg (2019)







#### Monitor soil health with IoT soil sensors



TREE

mania

SOILMANIA

Cardena Cardena Cardon Cardon

Roger that, tree. Sending the human a message now.

Source: TreeMania



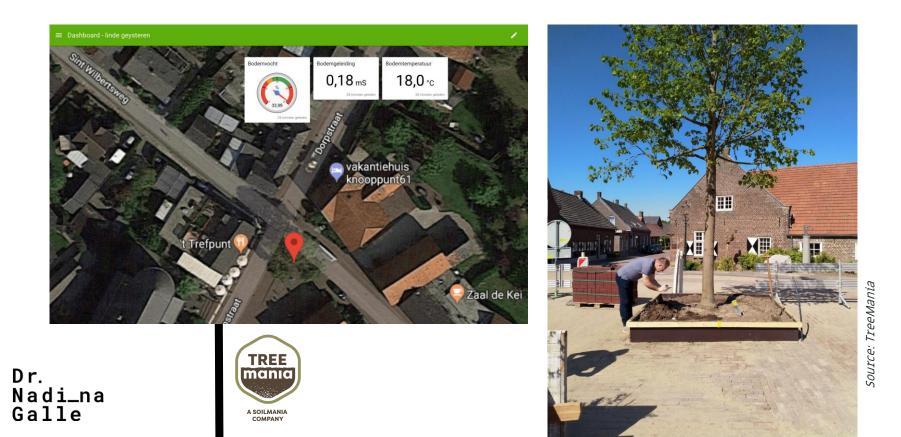
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#### On top of the A2 tunnel in Maastricht: The Green Carpet

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#### Everyone can get involved in soil and tree care





#### @awitnesstree, twittering tree shares how she's dealing with climate change







#### "Tweeting Tree Kit, the world's first scalable kit from sensors to tweets





#### "Giants of North" - the talking trees of Amsterdam North



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#### Nature is medicine...





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### ...but how does it score around us?

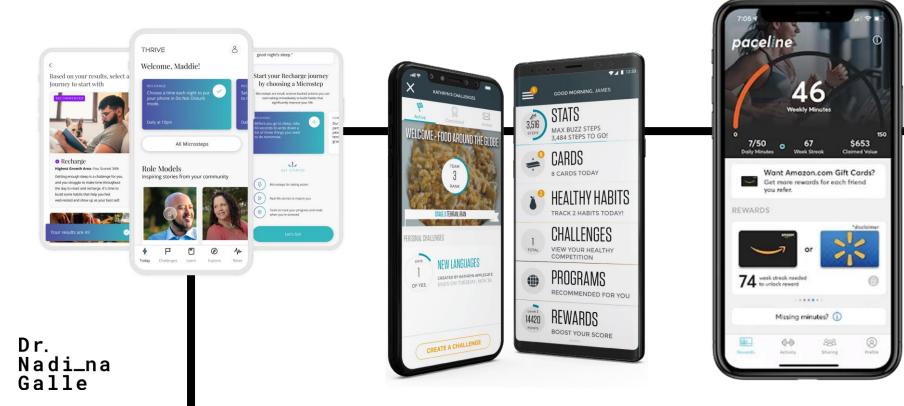




#### ...and what is the dose?



#### Health insurers & fitness apps already let you earn rewards based on steps, heart rate, and healthy habits...



# What if we could earn points and rewards for nature exposure?



Is one hour in the park per day the new 10,000 steps?

source: Apple

## Want to learn more? Every Wednesday: a new episode of the Internet of Nature Podcast!



### Dr. Nadi\_na Galle

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