



SUMP!

Developing and implementing



Content

- > Introduction
- > What the ~~F###~~ SUMP!
- > Why a SUMP?
- > Developing a SUMP
- > Implementing a SUMP
- > How to keep it succesfull?!
- > Conclusions





Introduction

- > Ruben Loendersloot
- > The Loendersloot Groep
- > Company DNA
- > Partners
- > Memberships/alliances



Ruben Loendersloot,
Sustainable mobility specialist

CEO Loendersloot Groep
Chairman Dutch Cycling Embassy
Partner in the Dutch Bicycle Centre
Consultant in traffic planning and mobility management
Cycles to work, for leisure, as sport



The Loendersloot Groep

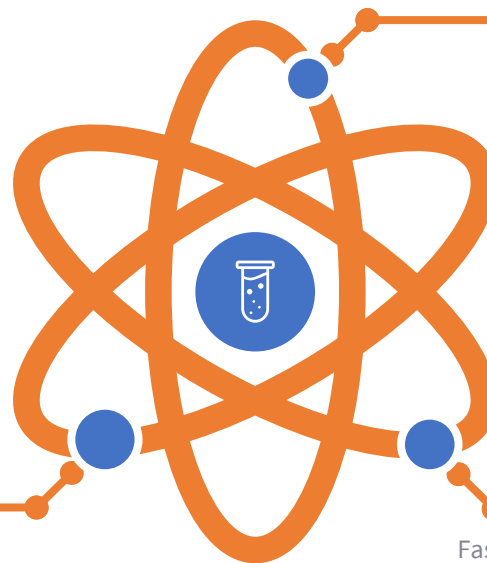
- > Established in 2008
- > Professionals working for different clients
- > Specialized in sustainable mobility solutions
- > Cycling key!
- > Experts in policy, solutions and implementation
- > Working worldwide

DNA Loendersloot Groep

Loendersloot Groep is a leading Dutch mobility consultancy firm, founded in 2008, with a strong focus on bicycle infrastructure and -culture. We cover a wide range of services within the disciplines of green mobility, traffic and transport management, public space design and stakeholder management.

Learn, share and develop new ways of transportation and infrastructure

our **strategy**



our **mission**

To form a sustainable transportation system with multiple modalities

our **vision**

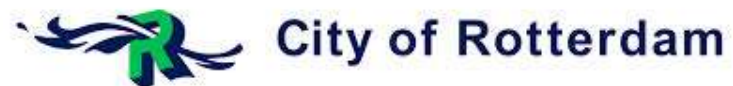
Fast, safe and green interlocking means of transportation



Partners



St. Petersburg



CITY OF COPENHAGEN



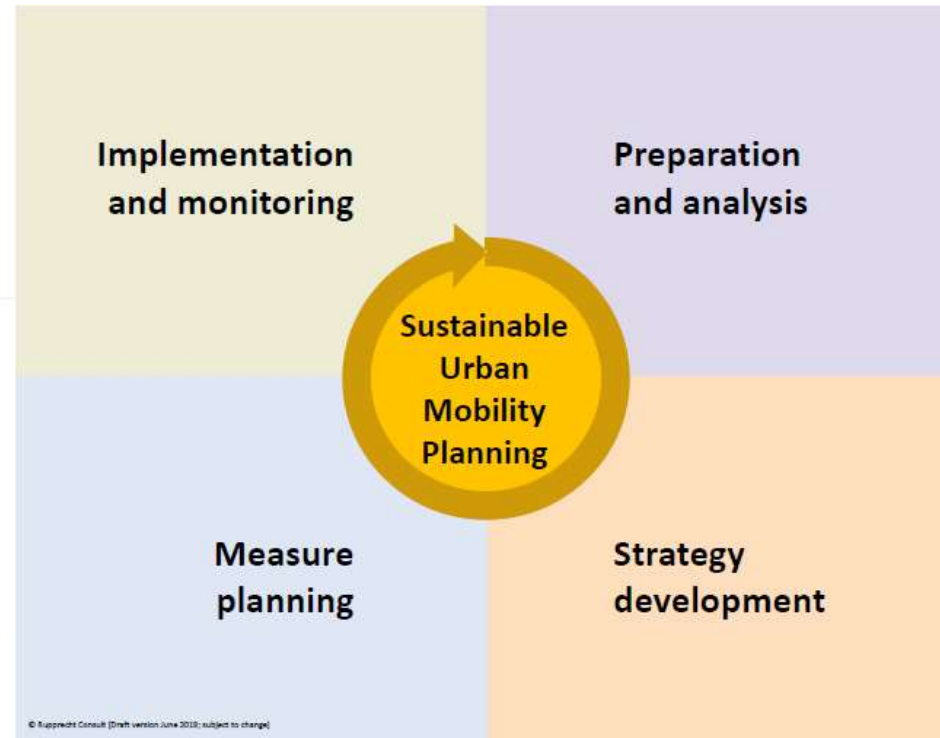
Gemeente Utrecht



Memberships/alliances



What the ~~F#CK~~....SUMP



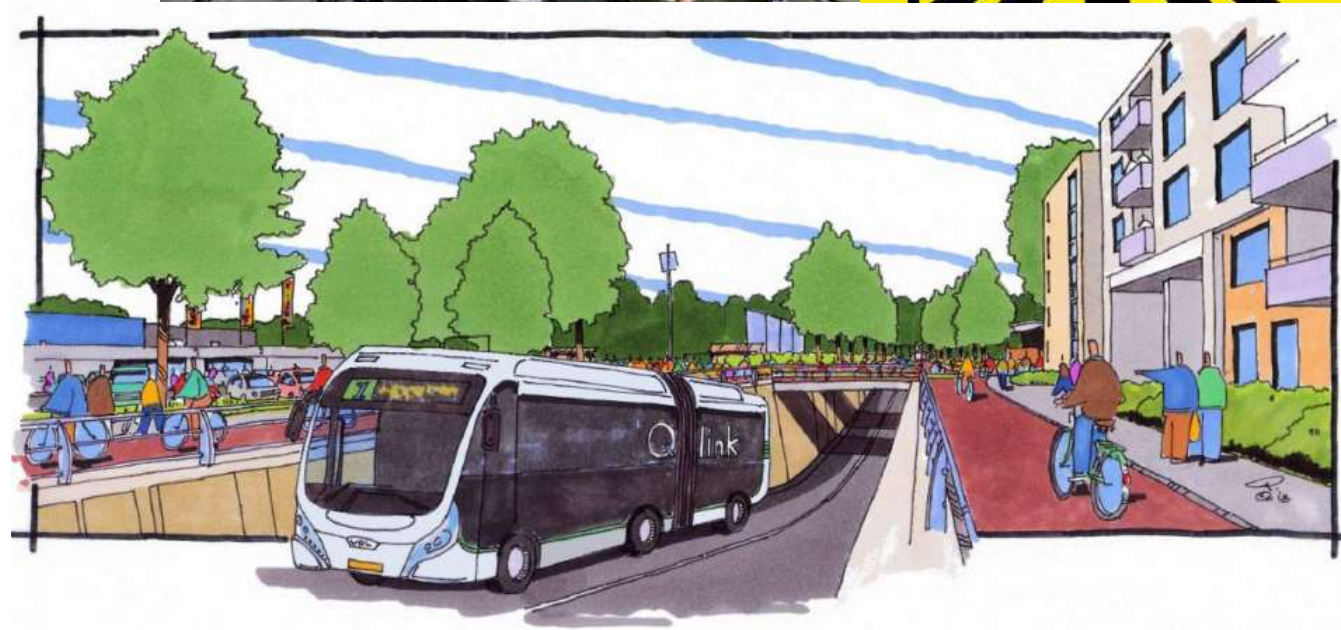
What the ~~F#CK~~....SUMP

- > Sustainable Urban Mobility Plan
- > Think Around
- > Starting point; livability!
- > SUMP is not a goal, but a facilitator
- > Combine knowledge! Not only mobility experts
- > Not only Infrastructure, but also mindset!



Why a SUMP?

- > Livability!
- > Accessibility
- > In connection with citizens!
- > Roadsafety
- > Less air pollution
- > Roadsafety
- > For everyone!



Why a SUMP?

- > Long term strategy
- > Clear implementation plan
- > Including planning and financing
- > Multimodality
- > Not only infrastructural measures!
- > Participation
- > Monitoring



The Principles of SUMP



Plan for **sustainable** mobility in the entire 'functional city'



Define a long-term **vision** and a clear **implementation plan**



Cooperate across institutional boundaries



Develop all transport **modes** in an **integrated** manner



Involve **citizens** and **stakeholders**



Arrange for **monitoring** and **evaluation**



Assess current and future **performance**



Assure **quality**



Comparison



v.s.



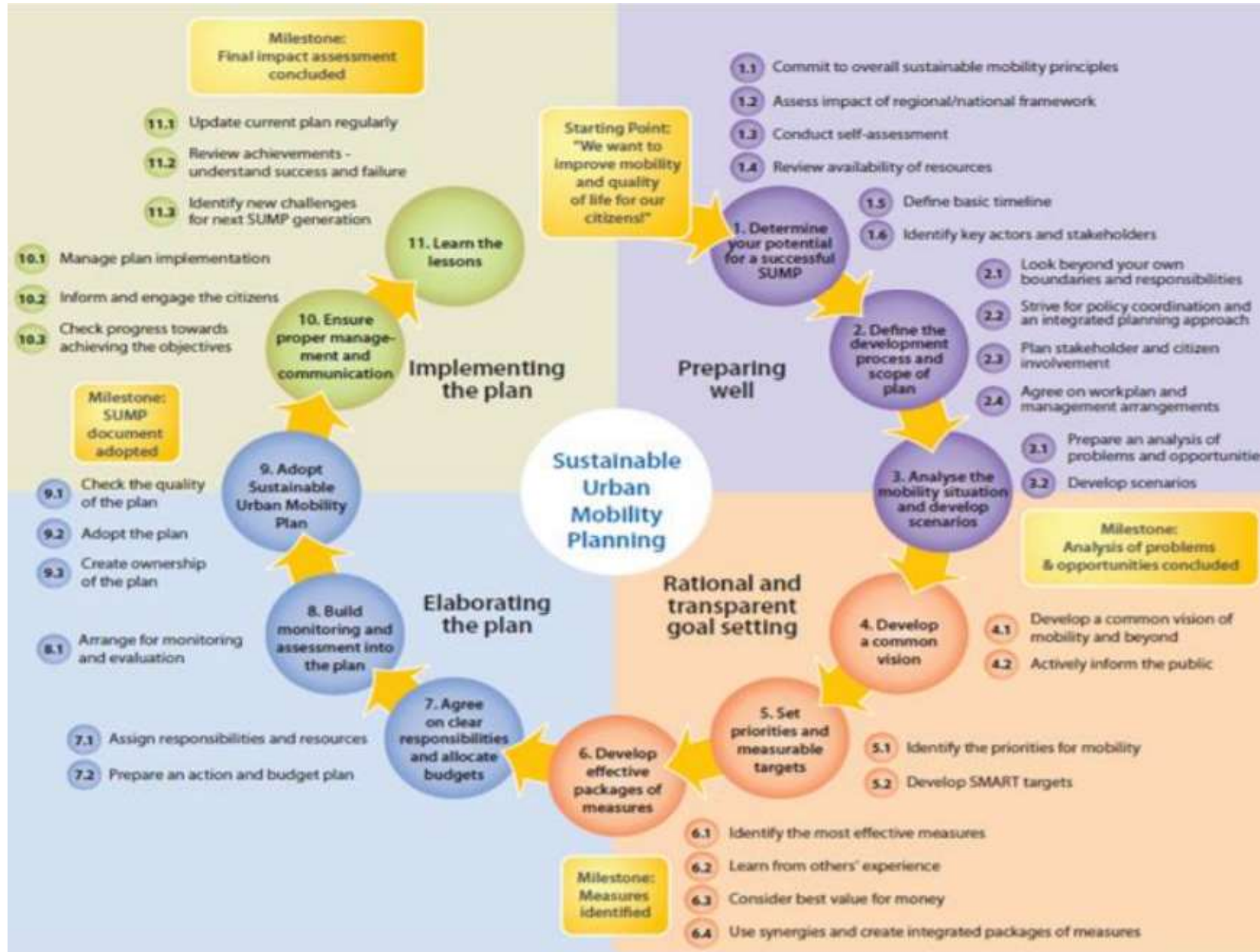
Comparison

Traditional Transport Planning	↔	Sustainable Urban Mobility Planning
Focus on traffic	↔	Focus on people
Primary objective: Traffic flow capacity and speed	↔	Primary objectives: Accessibility and quality of life
Political mandates and planning by experts	↔	Important stakeholders are actively involved
Domain of traffic engineers	↔	Interdisciplinary planning
Infrastructure as the main topic	↔	Combination of infrastructure, market, services, information, and promotion
Investment-guided planning	↔	Cost efficient achievement of goals
Focus on large and costly projects	↔	Gradual efficiency increase and optimisation
Limited impact assessment	↔	Intensive evaluation of impacts and shaping of a learning process

Comparison

Traditional Transport Planning	⇔	Sustainable Urban Mobility Planning
Focus on traffic	⇔	Focus on people
Primary objective: Traffic flow capacity and speed	⇔	Primary objectives: Accessibility and quality of life
Political mandates and planning by experts	⇔	Important stakeholders are actively involved
Domain of traffic engineers	⇔	Interdisciplinary planning
<i>If you plan for cars and traffic, you get cars and traffic.</i>	⇔	<i>If you plan for people and places, you get people and places.</i>
Investment-guided planning	⇔	Cost efficient achievement of goals
Focus on large and costly projects	⇔	Gradual efficiency increase and optimisation
Limited impact assessment	⇔	Intensive evaluation of impacts and shaping of a learning process

Fred Kent, President of „Project for Public Space“, www.pps.org



TRANSITIE



Duurzaam mobiliteitsysteem



The five road safety principles

Three of the five principles are **design principles**:

1. FUNCTIONALITY of roads;
2. (BIO)MECHANICS: limiting differences in speed, direction, mass and size, and giving road users appropriate protection;
3. PSYCHOLOGICS: aligning the design of the road traffic environment with road user competencies.

The other two principles are **organization principles** now:

4. Effectively allocating RESPONSIBILITY;
5. LEARNING and INNOVATING in the traffic system.

Functional Road Design (sustainable safety)

Road functions

highway



connector road



rural road



urban highway



artery road



neighbourhood street





Smart policy making



Behavioural measures

BUILD IT FOR ISABELLA

ISABELLA: 12 YEARS OLD AND READY TO RIDE

Meet Isabella. Like most girls her age, she is exploring her independence.

She just started 7th grade and loves doing cartwheels in the grass with her friends and sharing her life through Instagram. She is ready to travel her world by bike, but is the network ready for her? Isabella wants to bike to school, the library and the ice cream shop, but her mom worries about her getting across or along busy streets. Isabella likes to ride, but she's still small and her skills aren't fully developed. She's sometimes a little wobbly and it's hard for her to see over parked cars near intersections.

What does Isabella need to ride safely around her world?

- Are we planning low-stress, connected networks that work for Isabella?
- What if every project was designed with Isabella in mind?

If we build it for Isabella, wouldn't it work beautifully for the rest of us too?



Behavioural measures



“Young learned, is done old”

- > Schools & NGO’s provide cycling lessons for children and foreigners

Behavioural measures



“Mindset is as important as infrastructure...”

- > Reserve budget for non-infrastructure projects. Use creativity within the city and work on citizens participation

Behavioural measures



www.rij2op5.nl/index.php

rij2op5.nl

IK BEN CAMPAGNILEIDER
IK WIL OPLEIDEN BEN DAT WIK PLAN

NIEUWS CONTACT

RIJ2OP5 over de campagne | BEDRIJVEN Wie doen mee | FIETSSERVICES Wat doen we | AMBASSADEURS Goede voorbeelden | FIETSERVARINGEN van 'autismobilisten'

Home

HET FIETSSSEIZOEN IN GRONINGEN IS GESTART!
Doe jij mee? Probeer twee weken een E-bike uit.
[LEES VERDER](#)

INSPIRATIE NODIG?
WERK JE IN GRONINGEN? DOE DAN MEE AAN RIJ2OP5.
Klik [hier](#) voor de E-bikeproef en meer informatie.

PROBEER GRATIS EEN E-BIKE UIT IN KANALENEILAND ZUID.
Klik [hier](#) voor meer informatie.

BEDRIJVENTELLER
Meld je hier aan voor onze Rij2op5

RIJ2OP5 IN...
...doe jij mee?

RIJ JIJ 2 OP 5?
Ja

Nieuwsbrief Tags
Meld je hier aan voor onze Rij2op5



Safety....

Humanware:

- > Behaviour
- > Driver awareness

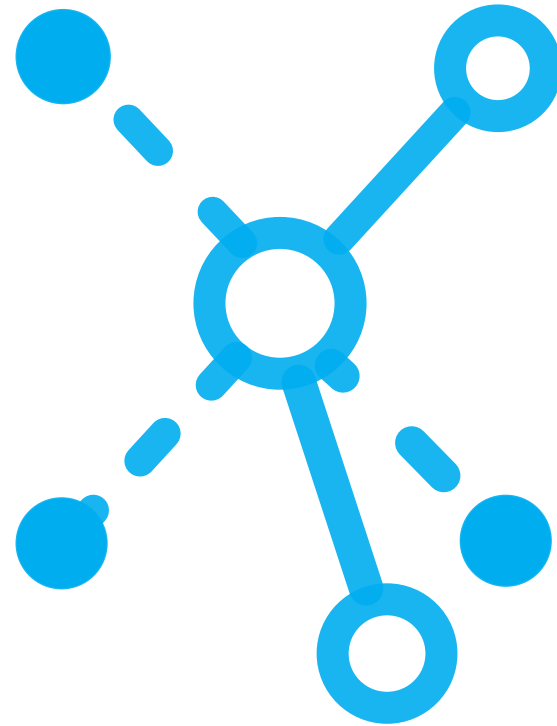


Hardware:

- > Safe
- > Continuous
- > Recognizable
- > Comfortable



Want to know more?
Feel free to contact us!



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