

HELSINKI STREAM CITY

KIRADIGI-HANKKEEN RAPORTTI

10.4.2019

OLLI HAKANEN, RESPACE OY

LIITTEET:

1. Helsinki Quick Step -ratkaisun kiteytys (5xA4)
2. Helsinki Stream City -lyhytelokuvan käsikirjoitus RE 11 (6 A4)
3. Eric W. Sandersonin ohjelma ja asiantuntijatapaamiset 13.-20.9.2018 (3xA4)
4. Visitor Scholar at CUNY Institute for Urban Systems -kutsukirje (A4)
5. Helsinki Stream City -lyhytelokuvan 27.12.2018 version linkki

Helsinki Stream City raportin liite 1

HQS-ratkaisun hyötypotentiaalin kiteytys

1 (5)

Olli Hakanen 28.11.2018

Helsinki Quick Step

Helsinki Quick Step (HQS) on liikenne- ja viestintäministeriön kahden toimeksiannon tuella ja asiantuntijaryhmän avulla syntynyt, yritykseni Respace Oy:n ehdotus Helsingin pääteasemaliikennöintiin perustuvan ratajärjestelmän muuttamisesta läpivirtaavaan liikennöintiin perustuvaksi. Junien itäinen ja läntinen ratahaara yhdistettäisiin Ilmalan ratapihalle sijoittuvalla läpivirtausasemalla. Helsingin nykyisen rautatieaseman raitiojunaverkko huolehtisi junaa- ja lentomatkustajien lisäksi kaupunkilaisten huippunopeista yhteyksistä Helsingin keskustaan laajalta alueelta.

Enimmillään 88 junaa tunnissa Helsinkiin (nykyisin ruuhkatuntina 41 junaa)

Läpivirtaava junaliikenne on kaksi kertaa pääteasemaliikennöintiä tehokkaampaa. Läpivirtausasemalle voisi liikennöidä enimmillään 88 junaa tunnissa. Kauko- ja lähiliikenteen raiteilla liikennöisi 20 junaa ja kaupunkijunien raiteilla 24 junaa tunnissa molempien suuntiin.

Enimmillään 120 raitiojunaa tunnissa Helsingin rautatieasemalle

Helsingin keskustan ratapenkalle sijoittuu neliraiteinen raitiorata. Kesimmäisillä raiteilla kiitetään 5 minuutissa junien läpivirtausasemalta suoraan Helsingin keskustan rautatieasemalle. Laitaraiteilla pysähdytään kantakaupungin tärkeimillä poikittaisliikenteen reiteillä ja tapahtumapaikoilla.

16 minuutissa Lentoasemalta Helsingin keskustaan

Yhdellä välipysähdyksellä matka-aika Lentoasemalta Helsingin keskustan rautatieasemalle kestää 16 minuuttia. Kehäradan junalla matka-aika on 32 minuuttia. Lentoaseman raitiojunien lähtölaituri on suoraan tulevan matkustaja-aulan oven edessä. Kehäradan asemalta nousu aulaan vie useita minuutteja. Raitiojunaverkko haaroittuu Lentoaseman lisäksi Hämeenlinnanväylän ja Oulunkylän suuntiin. Ratapenkan keskiraiteilla matka-ajat Helsingin keskustaan ovat huikean nopeita.

Maankäytön ensivaiheen hyöty 4 miljardia

HQS-ratkaisu vapauttaa Kaivokadun ja Metsälän välisellä alueella neliökilometrin nykyistä rata- ja varikkoalueutta valtakunnallisen rata- ja raidejärjestelmän vilkkaimmassa solmukohdassa. Kanta-kaupunkitehokkuudella rakennettuna vapautuvan maan arvo on 4 miljardia.

Raideliikenteen investointisäästöt 4-6,5 miljardia

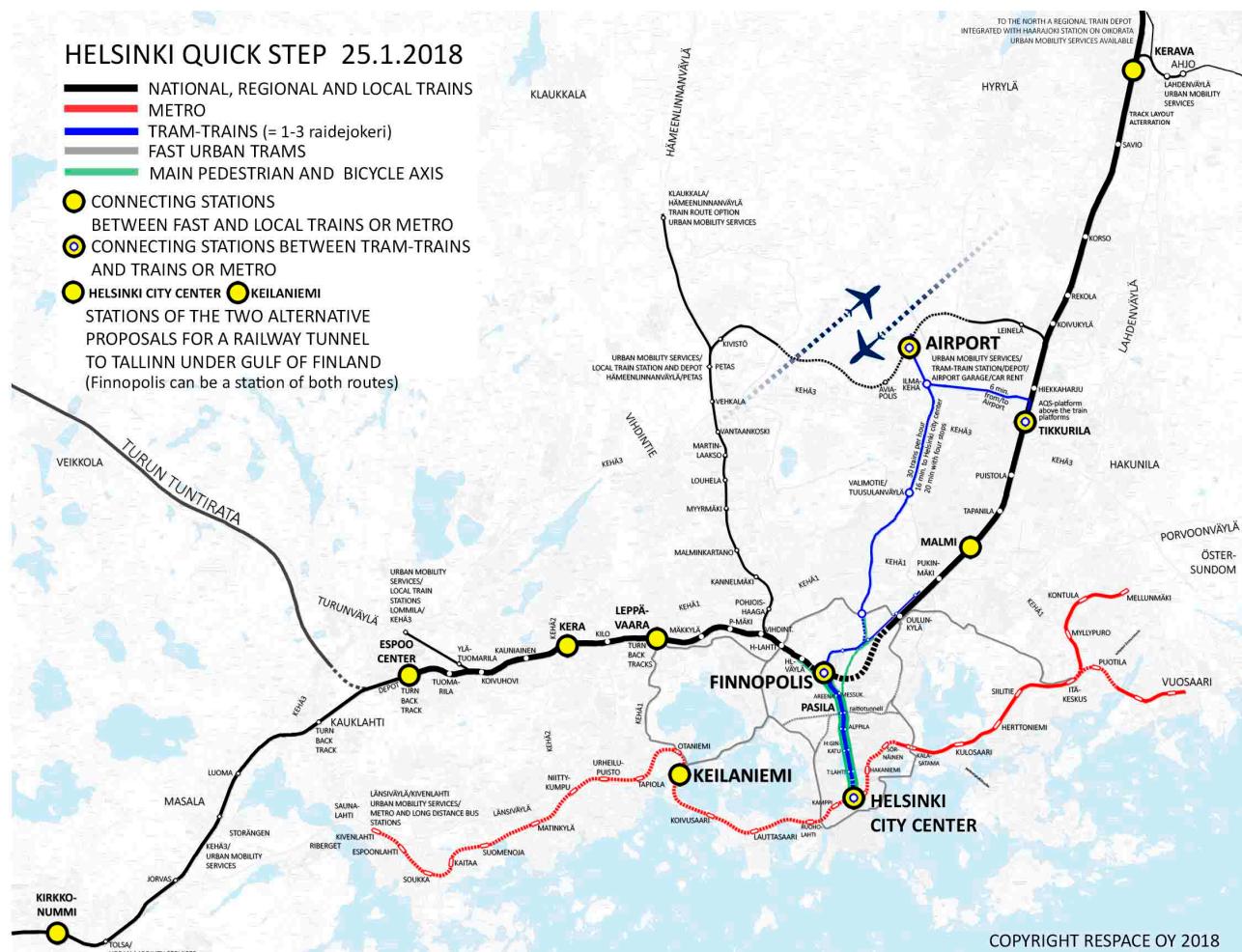
HQS-ratkaisun juna- ja raitiojunaliikenne tekee tarpeettomaksi Pisararan (tai Lyyran), junien Lentoradan sekä Töölön metron rakentamisen. Pisararadalta ja Lentoradalta välttyminen tarkoittaa noin 4 miljardin investoinnilta välttymistä. Niin ikään tarpeettomaksi käyvä Töölön metro nostaa investointisäästön yli 6 miljardiin.

Turun ja Tampereen tunnin raideyhteys Helsinkiin ja Lentoasemalle

Läpivirtaan junaliikenteen kapasiteetti olisi yli kaksinkertainen nykyiseen verrattuna. Sen hyödyntämiseksi kannattaa investointia Turun tuntirataan ja Tampereen radan lisäraiteisiin. Sujuvat vaihdot nopeista junista nopeisiin raitiojuniin tuottaa tunnin raideyhteyden Lentoasemalle ja Helsingin keskustaan sekä Turusta että Tampereelta.

Liikkumisen hyötyaikaverkko ja käytetyn maanpinnan kiertotalous

Tunnin päivittäisen työmatkan muuttuminen työajaksi vastaa 6,5 vuoden työuran pitenemistä. Helsingin nopeimman väestön kasvu voidaan sijoittaa käytetylle maanpinnalle uusia luonnonympäristöjä valtaamatta. Liikkumisen uusi arkkitehtuuri ja kokonaispalvelu on meille suuri mahdollisuus. Voisimme nousta uuden kestävän kaupungistumisen kansainväliseksi edelläkävijäksi. Millä muulla maalla on vastaava tilaisuus näyttää paras uusin osaamisensa pääkaupungin sydämessä?

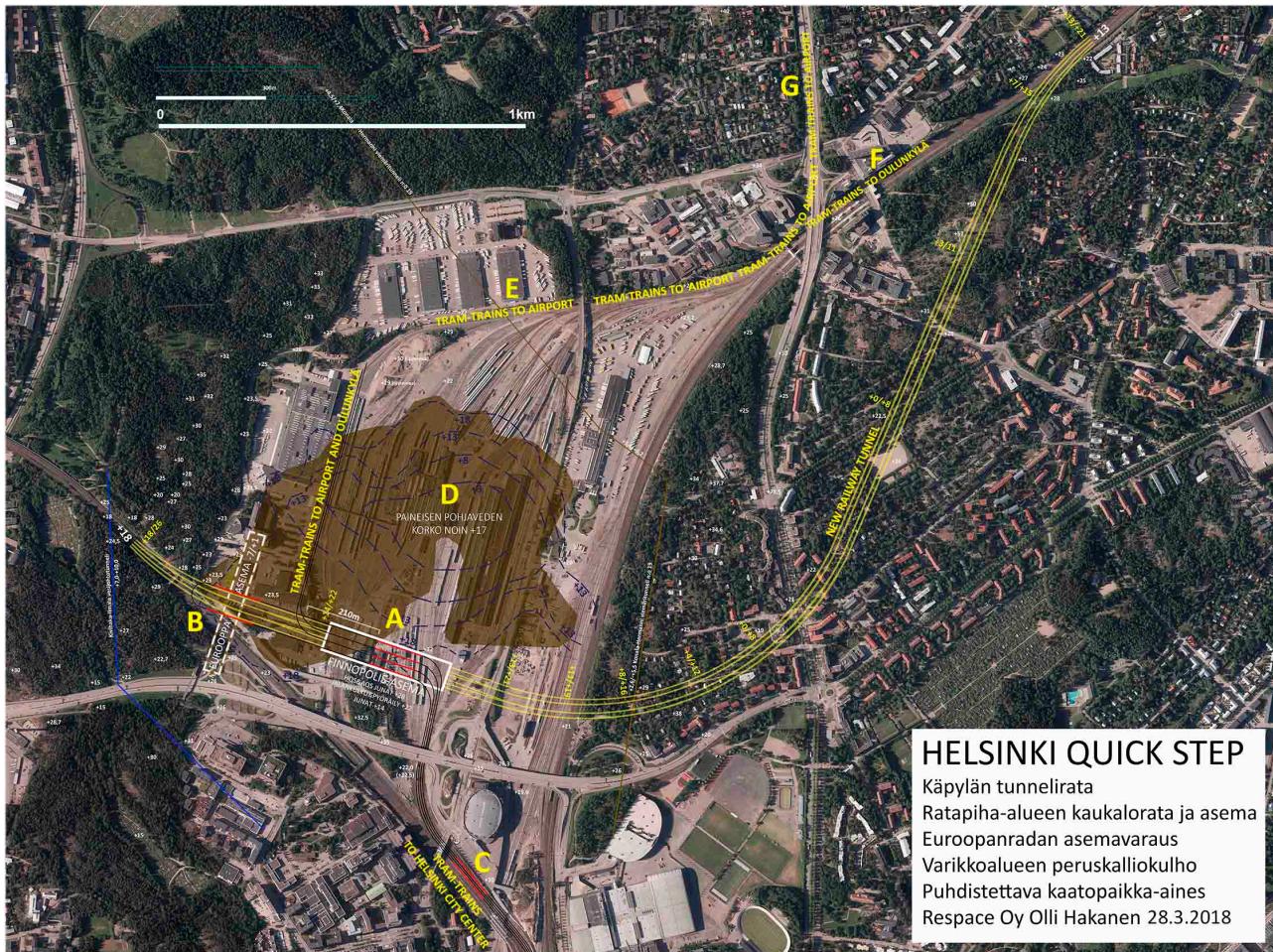


Kuva 1.: Itäinen ja läntinen ratahaara yhdistetään Käpylän kalliotunnelissa ja Ilmalan ratapihan kannen alla alittavalla yhdysradalla. Junien läpivirtausasema on kartan Finnopolis-asema.

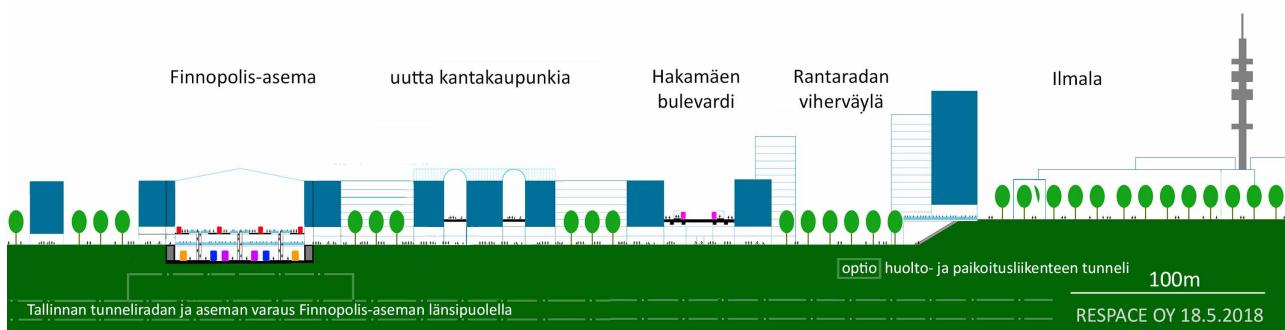


Kuva 2: Helsingin rautatieasema on neliraiteisen raitiojunaradan asema. Kaisaniemen ja Töölönlahden puistojen maapinta yhdistyy. Entiselle 19 raiteen laituripiöhalle voi rakentaa asunnot 4000-8000 uudelle Helsinkiläiselle asumisväljyydestä riippuen. 8000 opiskelijaa tekisi keskusta elävän.

Kuvassa näkyy raitioradan rinnalla kulkevat jalankulkijoiden ja pyöräilijöiden viherbulevardit. Kuvaan 1 ne on merkitty vihreällä. Ne jatkuват muun liikenteen kanssa risteämättä 5 km pohjoiseen.



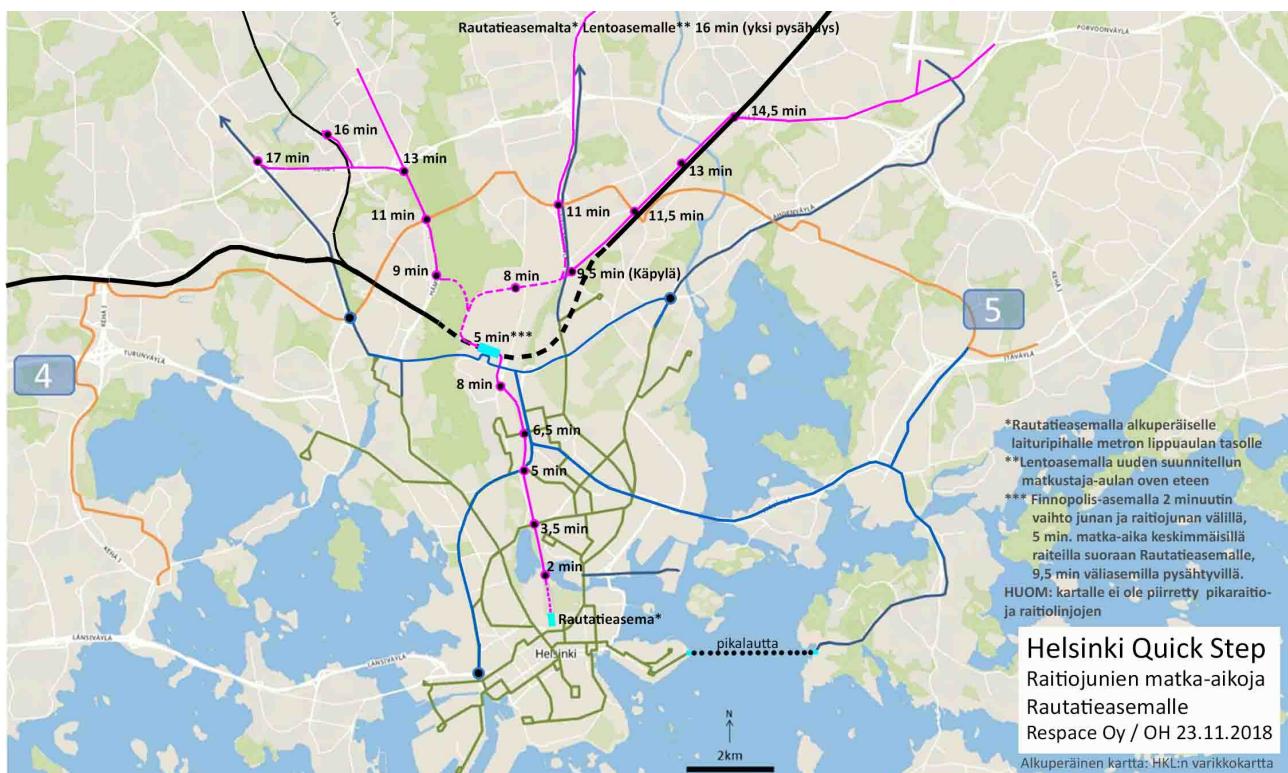
Kuva 3: Itäinen ja läntinen ratahaara yhdistyvät läpivirtausasemalla (A). Kuvaan on piirretty Rautatieaseman raitiojunaverkon keskustaan johtava neliraiteinen raitiorata (C) sekä pohjoisen kaksiraitteisen raitiorataverkon Lentoaseman (G) ja Oulunkylän (F) haarat. Hämeenlinnan ratahaara puuttuu. Kohtaan D palautetaan paikalla aikoinaan sijainnut pohjavesijärvi. Pasilan entisen kaatopaikan pilaantuneet maat puhdistetaan ja/tai korvataan Käpylän tunneliradan kalliomurskeella. Kuvassa on Tallinnan tunneliradan asemavaraus (B). Se sopii sekä Helsingin keskustan kautta että Keilaniemen kautta kulkevalle tunneliradan reitille.



Kuva 4: Junien ja raitiojunien läpivirtausasema (Finnopolis-stasjonen) Ilmalan ratapihalla. Asemien välissä maanpinnan tasolla on esteetön kulku junaa-aseman yli ja raitiojuna-aseman ali. Samalla tasolla voi jatkaa Hakamäentien ali etelään. Liikkumisen vapaus toteutuu laajalla alueella Helsingin keskiakselilla, kun junien varikot ja keskustan ratakäytävä poistuu jakamasta kaupungin kahtia. Helsingistä puuttuvien itä-länsi-suuntaisten viheryhteyksien rakentaminen tulee mahdolliseksi.



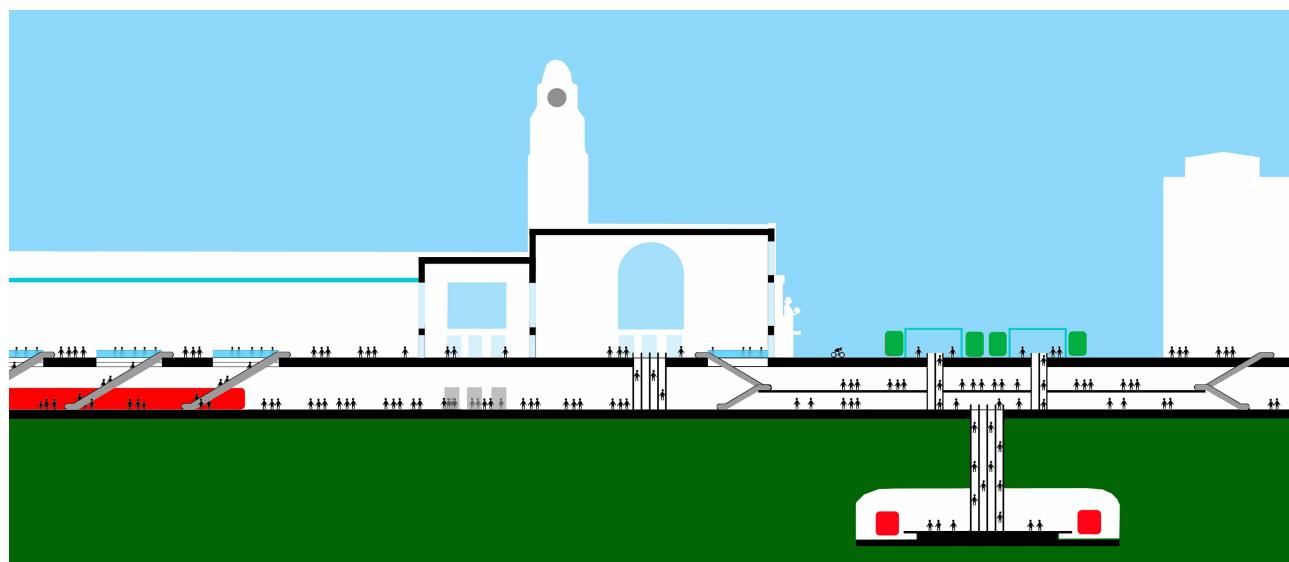
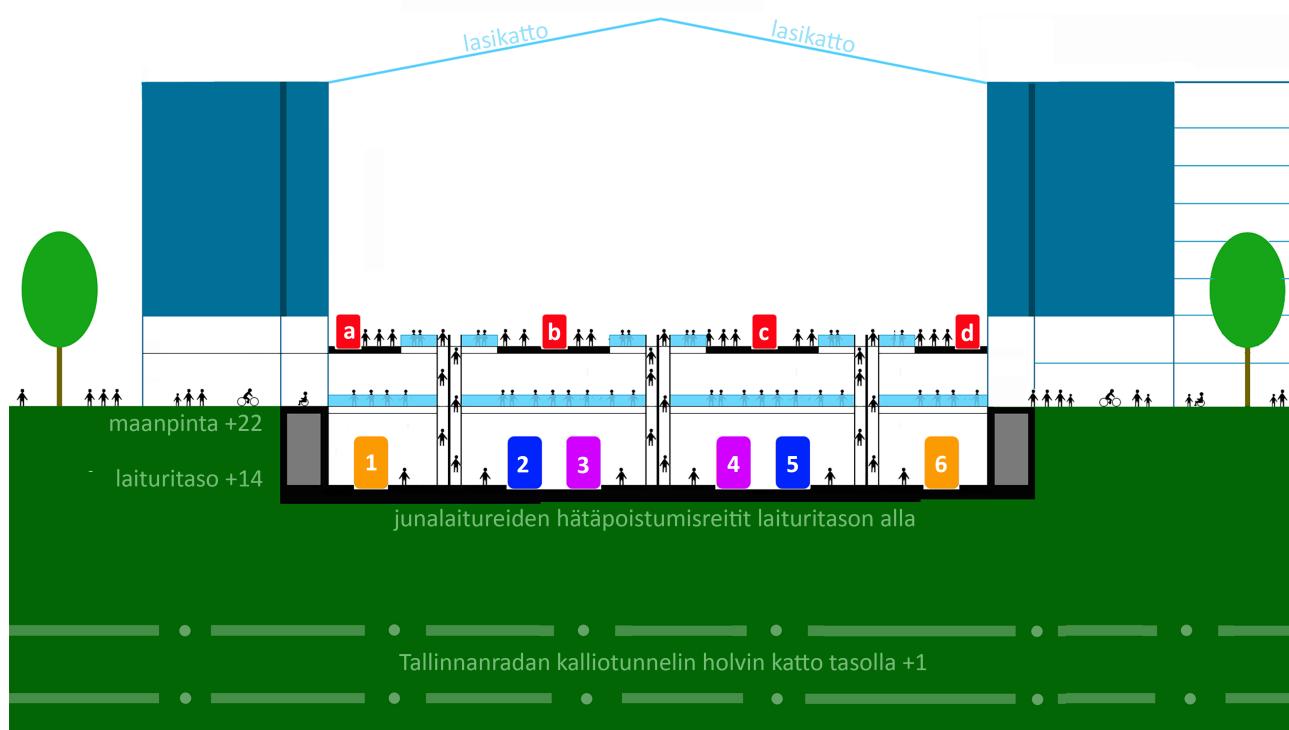
Kuva 5: Lentoaseman raitiojunat liikennöivät suoraan tulevan matkustaja-aulan oven eteen. Lentoaseman raitiojunat kulkevat siltaradalla. Vaihto raitiojunaan Finnopolis-asemalla ja Tikkurilan asemalla tuottaa sekä Turusta että Tampereelta tunnin raideyhteyden Lentoasemalle.



Kuva 6: Raitiojunaverkon matka-aikoja Helsingin rautatieasemalle. Keskustan ratapenkken keskimäiset, pysähtymättä keskustaan liikennöitävät, raiteet tekevät matkanteosta huippunopeaa.

Kuvat 7 ja 8: Matkaketjuverkon sujuvuuden ratkaisee vuorovälien tiiveys ja vaihtojen nopeus. Finnopolis-asemalla vaihto junasta raitiojunaan sujuu kahdessa minuutissa. Rautatieasemalla raitiojunat vievät matkustajat alkuperäiselle laituripiöhalle lasikaton alle metron lippuaulan tasolle. Finnopolis-aseman junaradoilla on 3 ja 2,5 minuutin ja raitiojunaradoilla 1 ja 2 minuutin vuorovälit.

- a viidellä väliasiemaalla pysähtynyt raitiojuna Helsingin rautatatieasemalta
 - b suoraan rautatieasemalta saapuva lentoasemalle (tai Oulunkylään) jatkava nopea raitiojuna
 - c suoraan rautatieasemalle jatkava lentoasemalta (tai Oulunkylästä) saapunut nopea raitiojuna
 - d viidellä väliasiemaalla pysähtyvä raitiojuna Helsingin rautatieasemalle
- 1 kaupunkijunat länteen 2 lähijunat länteen 3 kaukojunat länteen
 4 kaukojunat itään 5 lähijunat itään 6 kaupunkijunat itään



Helsinki Stream City *10 minutes to new urbanism*

Illustrated short documentary in four episodes, estimated total duration 10 minutes

Introduction to the project and synopsis RE11, 19.11.2018,

Production update on Tuesday the 20 of November 18.00-19.30 at Urbanium/Porthania, Yliopistonkatu 3

Fundamental Assumptions (introduction to the project) on page 2

Taking Helsinki Region to the next level, mission, values, attitude, principles, goal

Introduction sets out the motivation behind Helsinki Stream City project and also behind the production of this film. It is also a promise of the underlying ethics of the project.

1. New Origin (assumption) on page 3

Earth & climate, blue web, green web, habitation, urban expansion, a new paradigm of urbanism

The origin of Helsinki, capital city of Finland, is illustrated from A to Z in a nutshell. We then introduce a new paradigm of urban development – circular economy of land use – and the future it makes possible. The number one priority is to take care of the well-being of nature. The new order of priorities will translate into the well-being of the city and its citizens. Reusing land freed from current inefficient traffic system secures the growth of the Helsinki Region without occupying any new areas of natural environment.

2. New Mobility (key factor) on page 4

Systemic freedom of mobility is the key for efficient and sustainable land use in the region

New methods, means and system of mobility are introduced that are based on redeveloping solutions created in the earlier Helsinki Quick Step project. New solutions are introduced that will have a radically positive impact. The benefits for individuals and the public good are presented from global, national, regional and local perspectives.

3. New Architecture (key utiliser) on page 5

New architecture to be built on land freed for reuse thanks to new mobility

New features of urban environment and architecture become possible when the urban space is no longer dominated by the danger, noise and pollution created by the current traffic system. Viewers are prepared for the world of Helsinki Stream City presented in the last episode.

4. New Urbanism (beneficiary) on page 6

Fictive story about the future Helsinki Stream City, modelled and simulated in a game environment

A child is celebrating her first birthday in the Green Village borough of Helsinki Stream City. It happens to be also the 20th anniversary of Helsinki Smart Tram-Train Platooning System and the Helsinki National Urban Park. We show how easy, quick and comfortable it is for guests to come to the birthday party. We show for example how the girl's grandmother, who is 90, and the girl's cousin, 7, both use the trip chain independently thanks to the holistic mobility service provided by the city. Guests coming to the party have already their masquerade costumes on. Some of them experience the Tram-Train and the National Urban Park Anniversary celebrations on their way. Viewers have opportunity to experience new urbanism, a symbiosis between human-made and natural environment.

Visualization and soundscape

Mixed styles - graphic images, live close-ups and story telling in 3d-environment - will be used. All episodes begin with the final image of the last episode. We use sounds of nature and of organic instruments, historical sounds and new urban sounds created by individuals as the basis for the soundscape. All music will be original. Narrators will be used whenever necessary to convey the narrative clearly.

Helsinki Stream City *10 minutes to new urbanism*

An illustrated short documentary in four episodes

Introduction of the project, RE11, 19.11.2018

Fundamental Assumptions (Introduction to the project and film)

Taking Helsinki Region to the next level, mission, values, attitude, principles, goals

Taking Helsinki to the next level

“During a recent visit to Helsinki I was struck by how many aspects of that city are already right: walkable streets, a well-integrated system of trams and buses, convenient and well-dispersed bike share, and a general acknowledgement that cities are for people, not cars. The result is that Helsinki has a fair portion of nature nearby and accessible for its citizens. But even more striking was the desire to not just rest on what has been accomplished heretofore, but to take the city to the next level, through transportation as a service, inter-regional transport link (Helsinki Quick Step), and restoration of nature while also increasing density.”

Author of Terra Nova: The New World After Oil, Cars and Suburbs (2013) and Mannahatta: A Natural History of New York (2009)

Mission

Symbiosis between human-made and the natural environment

Values

All time is lifetime

Nature first

Attitude

Love for potential

Passion for results

Principles

1. Urban nature is the new dominion of all urban planning, service design and architecture.
2. Systemic freedom of mobility is the new logic of all planning and design.
3. Respect for the existing environment is wise: use and reuse existing infrastructure whenever possible.
4. Creation of novel solutions for new problems and challenges is crucial.

Goal

To secure sustainable growth of Helsinki Region without occupying new areas of natural environment

Visual style

The episode will basically consist of a series of illustrations expressing and symbolizing the themes

Soundscape

Sounds of nature, urban sounds, music played on organic instruments and narrators (=basic soundscape)

Teaser anticipating and creating the setting for Episode Five

Parts of Episode Five will be used also for illustrating Episode One

Episode ends with a collage of the names and faces of the production team and supporters' logos

Helsinki Stream City *10 minutes to new urbanism*

An illustrated short documentary in four episodes, 1/4

Synopsis RE11, 19.11.2018

1. New Origin (rebirth of a place) 2,5 minutes

Earth & climate, blue web, green web, habitation, urban expansion, foundations of new urbanism

Earth & climate

Bedrock (designed by Ice Age), coast and archipelago (designed by the sea), soil (designed by running water)

Four seasons, Nordic light, prevailing wind from southwest, cold from north, hot summer wind from Siberia

Human-made environment (designed by history), responding the challenges of climate change

Blue web

Gulf of Finland, Vantaanjoki River

Lakes, streams, wetlands and stormwater management systems

Reconstruction of lost lakes, streams, wetlands and stormwater management systems

Green web

Forests, fields, wetlands, parks, green connections

Reconstruction of ecological connections

Reconstruction of natural ecosystems

Habitation

History

Today

Future

Urban expansion

History of human dominance

‘Nature first’ – a new paradigm of urbanism

New modes of urban presence/mobility

‘All time is lifetime’ - coexistence of urban presence and mobility

Modes of urban presence will be transformed by enabling beneficial use of time while in transit

Mobility will be revolutionized by new solutions, new architecture and new service ecosystems

Efficient land use in a vibrant city

Connectivity and accessibility

New urban environment and architecture

New micro and macro economy creates well-being

Visual style

Illustrations on maps, on aerial pictures and modified 3D model of Helsinki

Soundscape

Basic soundscape

Teaser anticipating and creating the setting for Episode Four

A large number of illustrations and simulations made for Episode Five will be used

Episode ends with a collage of the names and faces of the production team and supporters' logos

Helsinki Stream City *ten minutes to new urbanism*

An illustrated short documentary in four episodes, 2/4

Synopsis RE11, 19.11.2019

2. New Mobility 2,5 minutes

Systemic freedom of mobility is the key for efficient and sustainable land use in a vibrant city

New architecture of mobility in Helsinki

- New pendulum railway system doubles number of trains per hour operating to/from Helsinki
- Helsinki Smart Tram-Train Platooning System: a rapid link between city center and airport
- New high-speed train links to Turku and Tampere and option for a train tunnel to Tallinn
- Option for electric aviation (main hub in Malmi and a study on possible vertipod stations)

Smart trip chains

- Node stations along the pendulum railway throughout the Helsinki Region
- Tram-train stations linked with tram and bus lines along best routes in the current infrastructure
- 365/24h quick and comfortable changes between trains, tram-trains, metro, trams and buses

Super convenient changes between trains, tram-trains, metros, trams, buses

- Finnopolis station
- Helsinki City Center & Airport
- Tikkurila and Leppävaara
- Kerava, Malmi, Kera and Espoo

Keep people on ground: pedestrians, cyclists and AV station shuttles

- Individual freedom of mobility at stations
- 365/24 weather proof accessibility
- Range of AVs (autonomous vehicles), rickshaws, city bikes etc. for the last mile

New allocation of urban space on basis of efficiency and speed

- Best routes reserved for transportation with maximum efficiency of passengers/hour/space usage
- Synchronized operational system of the most popular routes
- Speed zoning of street space and boroughs

Examples of new pedestrian, bicycle connections in Helsinki

- Helsinki pedestrian high line along the western side of tram-train route to city center
- Helsinki high ride for bikers and savies along the eastern side of tram-train route to city center
- Natura boulevard between Laajalahti and Vanhankaupunginlahti (two internationally classified bird habitats on eastern and western sides of Helsinki peninsula)
- New blue-green connection between Central Park and Helsinki Park along Kumpulanpuro stream

Visual style

Mixed

Soundscape

Basic soundscape

Teaser anticipating and creating settings for Episode Four

Large number of illustrations and simulations made for Episode Five will be used

Episode ends with a collage of the names and faces of the production team and supporters' logos

Helsinki Stream City *ten minutes to new urbanism*

An illustrated short documentary in four episodes, 3/4

Synopsis RE11, 19.11.2018

3. New Architecture 2,5 minutes

Reusing the land freed for development by new architecture and new culture of mobility

New Helsinki Stream City architecture

- New inner city around the Finnopolis station
- Increasing density and adding parks in Ilmala and Keski-Pasila (on the current railway routes)
- New residential quarter in Töölönlahti (on the current 19-track railway yard)
- Green Village borough surrounded by parks (on the current railway&logistic area south of Metsälä)
- Skyrock high-rise (around the tram-train station that replaces current Käpylä railway station)

Reconstruction of natural environment

- Prospect Park Pond, a former small lake, will be reborn after clearing contaminated soil from current Ilmala railway and depot yard. The land will be freed from railway and depots.
- Reconstruction of Kumpulanpuro stream from the Prospect Park Pond to Vanhankaupunginlahti
- Reconstruction of Haaga stream and Töölönlahti stream

New elements of urban space and architecture

- Green edge between the new Helsinki Stream City boroughs and the natural environment
- 365/24h weather proof walkways to train and tram-train stations
- New architectural concepts enabled by the absence of danger, noise and pollution from traffic

Presenting new features of the new culture of using urban environment

- Understanding and respecting the benefits of systemic freedom of mobility for individuals
- Understanding the radical and rapid factor new mobility is to counter climate change
- Understanding and respecting the diversity of urban nature
- Understanding the urgent need for a sustainable circular economy of land use

Framing the Helsinki Stream City area for modeling and simulation

- Framing the Helsinki Stream City area for Episode Four

Visual style

Mixed with the game environment produced for Episode Five. Functions and details of the Finnopolis station etc. are shown already here to facilitate the telling of the fictive story in Episode Five.

Soundscape

Basic soundscape with a demonstration of the contrast between current urban soundscape and Helsinki Stream City soundscape

Teaser anticipating and creating settings for Episode Four

Large number of illustrations and simulations made for Episode Five will be used

Episode ends with a collage of the names and faces of the production team and supporters' logos

Helsinki Stream City *ten minutes to new urbanism*

An illustrated Short Documentary in Four Episodes, 4/4

Synopsis RE11, 19.11.2018

4. New Urbanism 2,5 minutes

Fictive story about urban experiences in Helsinki Stream City

Birthday in Helsinki Stream City

A child is celebrating her first birthday in the Green Village borough of Helsinki Stream City. It also happens to be the 20th anniversary of Helsinki Smart Tram-Train Platooning System and the Helsinki National Urban Park. We show how easy, quick and comfortable it is for guests to come to the birthday party. We show how the girl's grandmother, who is 90, and the girl's cousin, 7, both use the trip chain independently thanks to the holistic mobility service provided by the city. The birthday programme includes participation in celebrations of the Tram-Train Anniversary at the Finnopolis station and the National Urban Park celebrations around Prospect Park Pond. Viewers have many opportunities to experience new urban culture, a symbiosis between human-made and natural environment – climate change is now under control.

- A child on the street: demonstrating the safety of a walking speed zone in the new inner city
- The cousin coming on a regional train from Espoo on the new track from Turku: demonstrating a solution of independent mobility for children
- Grandmother, 90, coming to the party from Riihimäki: demonstrating how an AV takes her from the station to the party
- One guest rides a bicycle to the party from the city center using Helsinki High Ride, other guests are walking along pedestrian Helsinki High Line, etc.
- Celebrations of Helsinki Smart Tram-Train Platooning System and Helsinki Urban National Park: demonstrating how national and international guests arrive from different parts of the globe

We will also showcase the features and concepts of new architecture which becomes possible when urban planning and design are no longer dominated by the danger, noise and pollution of the current traffic system.

- New urban space where streets also serve as the space of neighbourhood
- New residential architecture on the street level
- A hybrid structure – green edge – between new housing and the natural environment

We want to demonstrate the potential of solving the trickiest global and local problems by rejecting the current system of urban mobility in which armchair-sized objects are transported in a limited space using a living-room sized vehicles. Electric cars and autonomous cars are not the solution for urban environments. Instead of an update of the current geometrically, economically and ecologically unsustainable system we need an entirely new intelligent architecture of mobility.

Visual style

A game-engine environment especially produced for the project will be used in the production of Episode Four. To highlight important spaces and features of architecture story telling in game-environment will sometimes be freezed and processed to graphic images and to let viewers enjoy glimpse of future atmosphere of Helsinki Stream City.

Soundscape

Basic soundscape. Soundscape will convey and highlight story telling and personalize characters. Soundscape will be accompanied by Jone Takamäki's improvisations with organic instruments. Narrators will be used to convey the narrative clearly.

Episode ends with a collage of the names and faces of the production team and supporters' logos.

Helsinki Stream City raportin liite 3

Programme of Eric W. Sanderson's visit in Helsinki

Thursday 13 Sep

16.30-17.30 Public presentation in the Helsinki City Hall:
Trust in Urban Nature: Mannahatta 1609 – Manhattan 2019-2409

Friday 14 Sep

8.30-10.30 Minisymposium at Rakennustieto:

Circular Economy of Landuse/New Urban Environment and Architecture

- New urban environment without danger, noise and pollution caused by traffic
- New urban environment based on speed zones: 5km/h, 14 km/h, 25 km/h, ...
- Scale and rhythm of urban space and architecture experienced on foot
- Symbiosis between urban culture and urban nature
- Paradigm shift/New Urbanism/New Architecture/New Soundscape

Friday 14 Sep

12.00-14.00 Minisymposium at OP Financial Group

New Architecture of Mobility / Synergy / Win-win-win

- Benefits in landuse / Benefical use of time
- Geometric and arithmetic intelligence of mobility / Urban presence&mobility
- New architecture of mobility / New modes of mobility
- Mobility as a service / Systemic freedom of mobility
- Common good / Individual needs

Saturday 15 Sep

Surveying Helsinki Stream City area on foot and by bike

Sunday 16 Sep

Helsinki by the sea, whole day excursion on a private motorboat

Monday 17 Sep

10.00-11.00 Open Hot Talk for the Master Programme students of Urban Academy in Helsinki at Urbanium, Porthania, Yliopistonkatu 3:

Planning for nature in an urban context: nature goals for New York City

Monday 17 Sep

13.00-15.00 Minisymposium at Plehat Oy, Otakaari 5:

Modeling Desirable Future

- How to describe a vision beyond our current everyday experiences
- Context, goals and focus
- Means and resources
- Story, core illustrations and simulations
- Visual image and soundscape

Monday 17 Sep

17.00-20.00 Helsinki Stream City Opening Night at Urbanium, Porthania, Yliopistonkatu 3

- Musical moment with Jone Takamäki
- Keynote speakers Eric.W Sanderson, Mika Pantzar, Seppo Laakso
- Launching Helsinki Stream City project
- Introducing the creative process 17.9.2018-27.12.2018
- Big picture and a glimpse of the potential next steps
- Open stage for wordcatching and free word

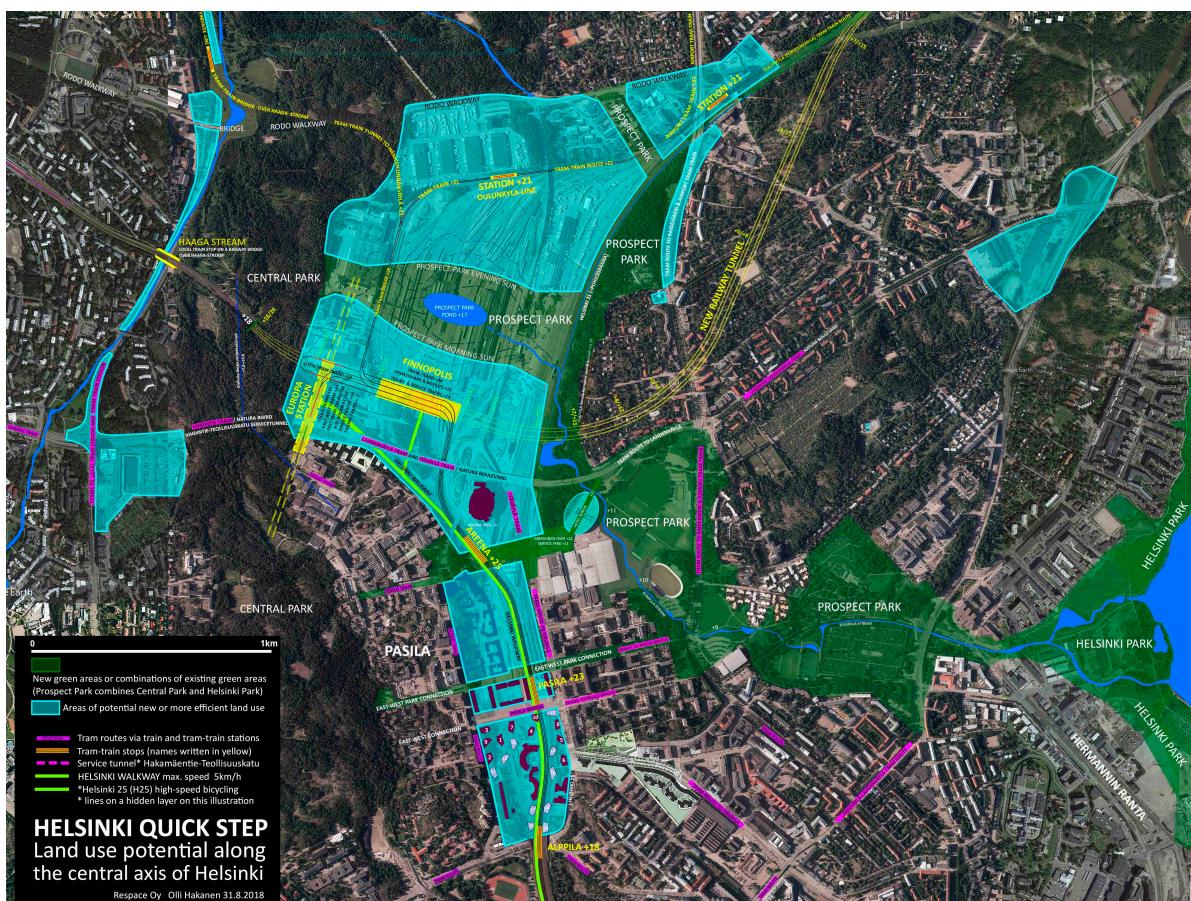
Tuesday 18 and Wednesday 19 Sep

Enjoying Helsinki and Finland

Thursday 20 Sep

10.30-11.15 Meeting with Minister of the Environment Kimmo Tiilikainen

14.15 Flight back to New York



In Helsinki Stream City project we will simulate the architecture of mobility and illustrate the new urban environment Helsinki Quick Step (www.helsinkiquickstep.fi) makes possible. Helsinki Stream City project is financially supported by the Ministry of the Environment (Kiradigi-programme).

Helsinki Stream City events 13-20 Sep 2018 with keynote speaker Eric W. Sanderson

(https://en.wikipedia.org/wiki/Eric_W._Sanderson)

Thursday 13 Sep, 16:30–17:30 – Trust in Nature

Lecture by Eric Sanderson about the Natural History, Present and Future of New York City.

<https://www.helsinkidesignweek.com/events/trust-in-urban-nature-mannahatta-1609-manhattan-2019-manhattan-2409/>

Friday 14 Sep, 8:30–10:30 – New Urban Environment and Architecture

Breakfast meeting at Building Information Foundation RTS sr, Malminkatu 16A

Host: Markku Hedman, Director of RTS <https://www.rakennustieto.fi/index/english.html>

Participants:

Eric W. Sanderson

Olli Hakanen, Architect, CEO, Respace Oy, Director of Helsinki Stream City Project

Anders Adlercreutz, Architect, Partner in A-konsultit Oy, Member of Parliament
(<https://bit.ly/2NU87vR>)

Professor Seppo Junnila, Aalto University
(<https://people.aalto.fi/seppo.junnila>)

Professor Milos Mladenovich, Aalto University
(<https://people.aalto.fi/milos.mladenovic>)

Kati Vierikko, Ph.D., University of Helsinki (<https://bit.ly/2MR0VUR>)

Outi Ampuja, Ph.D. (<https://fi.linkedin.com/in/outi-ampuja-32b48646>)

Aura Nousiainen, D.Sci. (Tech), Environmental Expert at Pöyry Finland Oy
(<https://fi.linkedin.com/in/auranousiainen>)

Veera Moll, Doctoral candidate exploring urban development & children's changing mobility
(<https://research.aalto.fi/portal/veera.moll.html>)

Sini Koskinen, architect, Chairman of the board for Association of the Helsinki Region Architects
(<https://fi.linkedin.com/in/sini-koskinen-52b6b4aa>)

Friday 14 Sep, 12:00–14:00 – New Architecture of Mobility

Lunch meeting at OP Financial Group (Teollisuuskatu 1)

Host: Sonja Heikkilä (<http://www.slush.org/person/sonja-heikkila-2/>)

Participants:

Eric W. Sanderson

Olli Hakanen,

Aura Nousiainen

Sampo Hietala, CEO, Maas Global (<https://maas.global/company/>)

Mervi Karhula, Senior Advisor, Ministry of Transport and Communication
(<https://www.lvm.fi/en/contact/-/showperson/karhulam>)

Niko-Matti Ronnikomäki, Senior Specialist, Ministry of Transport and Communication
(<https://www.lvm.fi/en/contact/-/showperson/ronikonmakin>)

Taina Haapamäki, CEO, Flou Oy (<https://www.flou.io/content/index.php/en/>)

Oscar Nissinen, Metropolia University of Applied Sciences
(<https://www.metropolia.fi/en/research-development-and-innovation/smarter-mobility/>)

Janne Ruponen, Mechanical Engineer, Member of the Helsinki Quick Step team
(<https://fi.linkedin.com/in/janneruponen>)

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CUNY INSTITUTE FOR URBAN SYSTEMS

Robert E. Paaswell, PhD, D.M. ASCE
Director
Distinguished Professor of Civil Engineering

February 27, 2019

Olli Hakanen
Architect, Entrepreneur at Respace Oy
Director of Helsinki Quick Step and Helsinki Stream City Projects

Dear Mr. Hakanen:

The CUNY Institute for Urban Systems (CIUS) is delighted that you will be resident in New York until the end of March. Because of your innovative approach to urban transport and land use, and our mutual interest in 21st Century solutions to mobility problems of urban areas, we would invite you to serve as "Visiting Scholar" at CIUS. I anticipate you will contribute to lectures and forums during your visit. I look forward to our collaboration.

Sincerely

Robert E. Paaswell, PhD, D.M. ASCE

HELSINKI STREAM CITY

KIRADIGI-HANKKEEN RAPORTTI

10.4.2019

OLLI HAKANEN, RESPACE OY

LIITE 5:

HELSINKI STREAM CITY –LYHYTELOKUVAN 27.12.2019 VERSION LINKKI

Helsinki Stream City -lyhytelokuvan 27.12.2019 vimeo-linkki toimitetaan luottamuksellisesti sähköpostitse raportin tarkastajalle ympäristöministeriöön. Syynä menettelyyn on se, että elokuvalla on toinen ensi-esitys lauantaina 18.5.2019 Arkkitehtipäivien yhteydessä Helsingin keskustakirjasto Oodissa.

Elokuvan äänimaisema uusitaan kokonaan ja elokuvaan lisätään osia, jotka jäivät 27.12.2018 ensi-illan versiosta pois. Elokuvan verkossa levitettävän version haluamme vastaavan hankkeessa tehtyä kunnianhimoista työtä.

Elokuvan toisen ensi-esityksen nopeampaan järjestämiseen ei ole ollut tilaisuutta johtuen Helsinki Stream City -jatkohankkeesta New Yorkissa (raportin luku 13).

Helsinki Stream City -lyhytelokuvan lopullisen version vimeo-linkki julkistetaan 18.5.2019 www.helsinkiquickstep.fi ja Kiradigi-ohjelman verkkosivulla.