

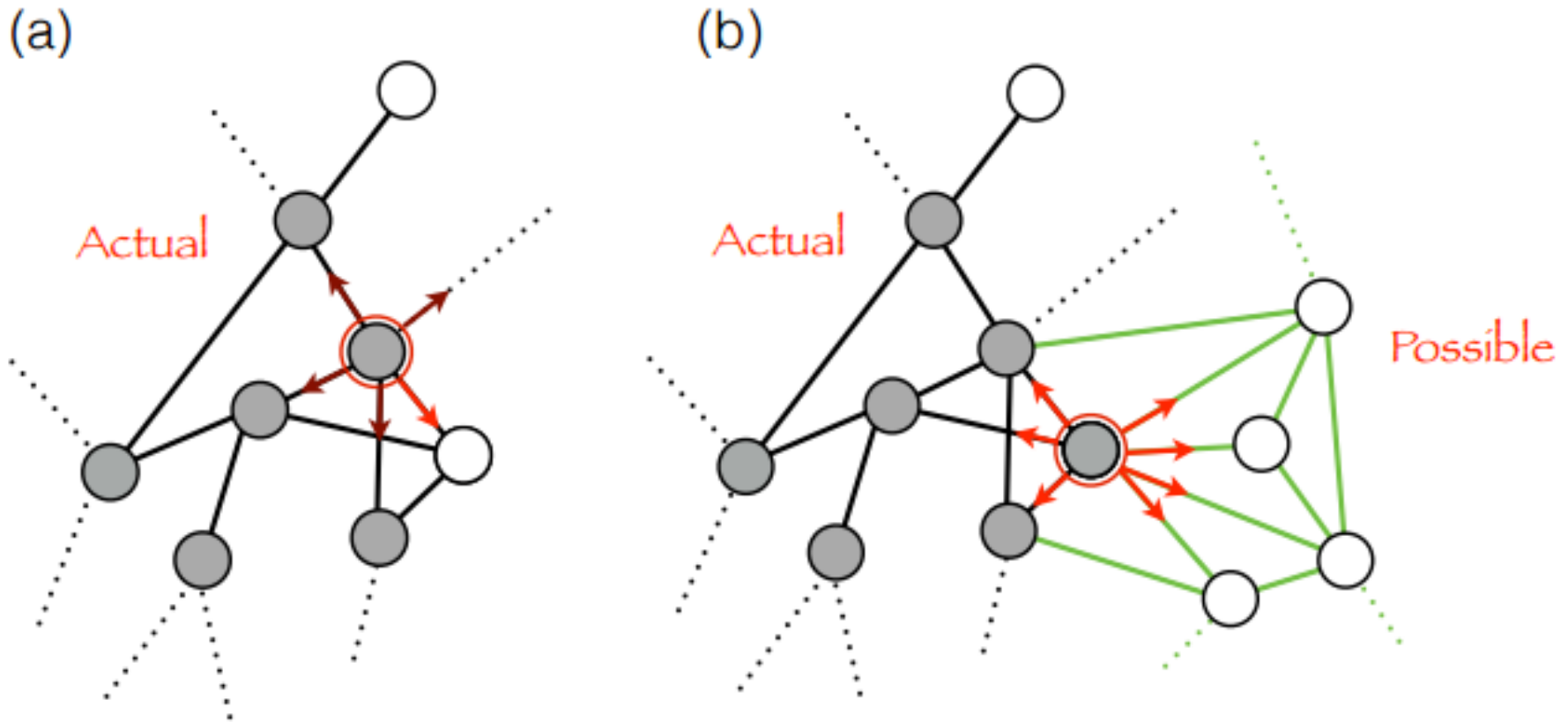
Innovation and Technology for Sustainable Transportation: Leveraging Cross-Sector Collaboration

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Meeting
of the **Minds.org**

Innovation...discovering the *adjacent possible*



"Adjacent possible" concept from Stuart Kauffman. Figure from "Dynamics on expanding spaces: modeling the emergence of novelties", Vittorio Loreto, Vito D. P. Servedio, Steven H. Strogatz, Francesca Tria (2017): <https://arxiv.org/abs/1701.00994>



Meeting of the Minds brings together
urban sustainability and **technology**
leaders to share knowledge and build
lasting alliances.

Cross-sector thematic workshops



Image: Meeting of the Minds



IDEAS WALL

IDEAS WALL

101 WAYS TO INNOVATE
FINANCE

HOW ARE CITIES THINKING ABOUT THE FUTURE OF WORK?

Market Economy to market society?

THE IDEA OF SMART CITIES
DID NOT EMERGE ALONE
THE MASSES
IT WAS READY
DOES IT NEED A NEW NAME?
AND DO WE INVENT THE NAME?

How does policy-making become viewed as a critical component of smart city innovation?

Beyond Urban Growth, Transit Solutions, Low-cost Cdn - How can you collect the benefits of the kinds address financial income inequality?

How do we ensure financial inclusion in the "smart city"?

How do we ensure financial inclusion in the "smart city"?

- How to keep focus on solutions, not just data & technology (TECHNOLOGY AS A "DOUBLE-EDGED" SWORD)

How can we get the "best of both worlds" of both urban and rural? Can we have the best of both worlds? Can we have the best of both worlds? Can we have the best of both worlds?

SMART CITY IS AN ECOSYSTEM PLAY - HOW ARE ECOSYSTEM PLAYERS INTERACTING & BEING BUILT?

What mechanisms can be put in place to bridge the communication gap between technology designers and civil leadership?

IT IS NOT SUSTAINABLE IF IT IS NOT EQUITABLE
HOW ARE CITIES INTEGRATING ENVIRONMENTAL SERVICES OF SUSTAINABILITY?
HOW ARE CITIES INTEGRATING PROPER SERVICES WITH AWARENESS OF THE USER?

How do we include small business in the conversation about cities, civic innovation, policy, etc.

How do we ensure financial inclusion in the "smart city"?

Isn't world population growth the real "elephant in the room", with no obvious solutions, or focus on finding any? ☹️

CAN WE PLATFORM OPERATIONAL DISSEMINATION SLOTTED?

How can we mobilize citizens?

How do we use technology to improve urban infrastructure?

How do we solve / bridge technology for smart city deployment?

What about optimization? Can technology help preserve the uniqueness of cities or will it homogenize cities?

HOW CAN CITIES UNITE TO CURB THE GROWING DISCREPANCY BETWEEN THE GROWING URBAN POPULATION AND THE GROWING URBAN INFRASTRUCTURE?

How can we improve public and private programs to enhance urban infrastructure? Can we have the best of both worlds? Can we have the best of both worlds?

What emerging technologies will be key to tackling carbon emissions in the energy, mobility and utility space?

How will we adopt new from system partners old practitioners being updated?

Idea generation

Image: Meeting of the Minds



Interacting with new technologies
to stimulate ideas and discussion

S >

Autonomous technology put to the test in Stratford, Ont. Waterloo professors take three-year project from lab to parking lot

November 18, 2016 @ 10:29 am

Greg Layson

0
Shares





Route	Time
Civic Center Station	
Fremont	→ 8 minute walk
Richmond	4, 19 min
Dublin/Pleasanton	7, 22 min
San Bruno/Bay Point	12, 27 min
15, 30 min	
Civic Center Outbound	↓ 12 minute walk
Outbound SF Zoo	
Outbound via City College Balboa Park Station	2, 14 min
Outbound via SF State Balboa Park Station	4, 26 min
Outbound Ocean Beach	10, 16 min
Outbound Balboa Park Station	10, 13 min
18, 24 min	

“The next BART train to Dublin is in 12 minutes.”



CHANGE PROCESSES
 Change Processes for transformation of urban transport



FUT News

MOBILITY AND ACCESS

BRT+ Webinar: Urban mobility in Latin America – reflexions on the 2014 report of the OMU – Now recording available

2017-09-27 | Following the session of BRT webinar presented by Eduardo A. Vasconcellos, on Tuesday 26th September 2017, slides and video are now available (see below).

MOBILITY AND ACCESS

Why proposed CBD Matatu Ban will not

Upcoming Events

Land-Use Related Freight Transport Challenges and Opportunities in London

9/27/2017

The Peer-to-Peer Exchange Program is designed to share global cases of best practices and real world examples of sustainable urban freight systems. Th...



[Read more](#)

BRT+ Webinar: Urban



Upcoming Events

October 2017

	Mo	Tu	We	Th	Fr	Sa	Su
v39							1
v40	2	3	4	5	6	7	8
v41	9	10	11	12	13	14	15
v42	16	17	18	19	20	21	22
v43	23	24	25	26	27	28	29
v44	30	31					

« Sep

Nov »

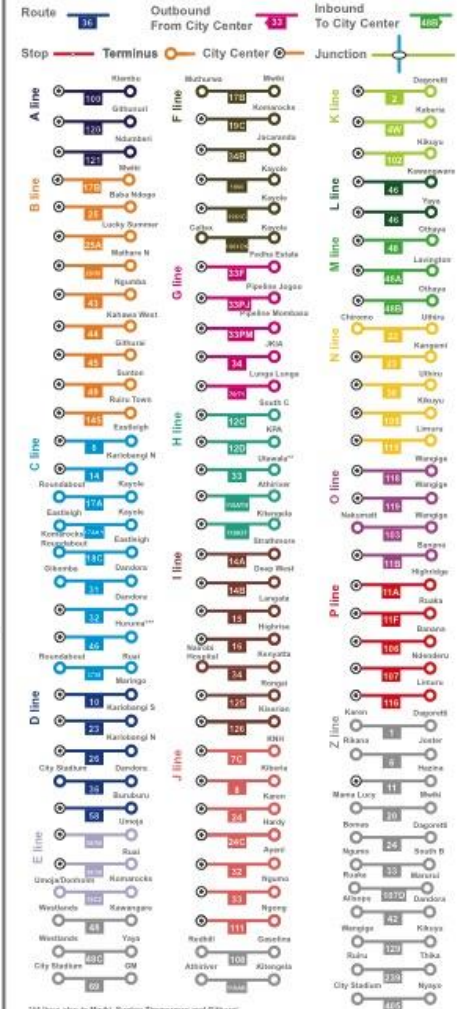
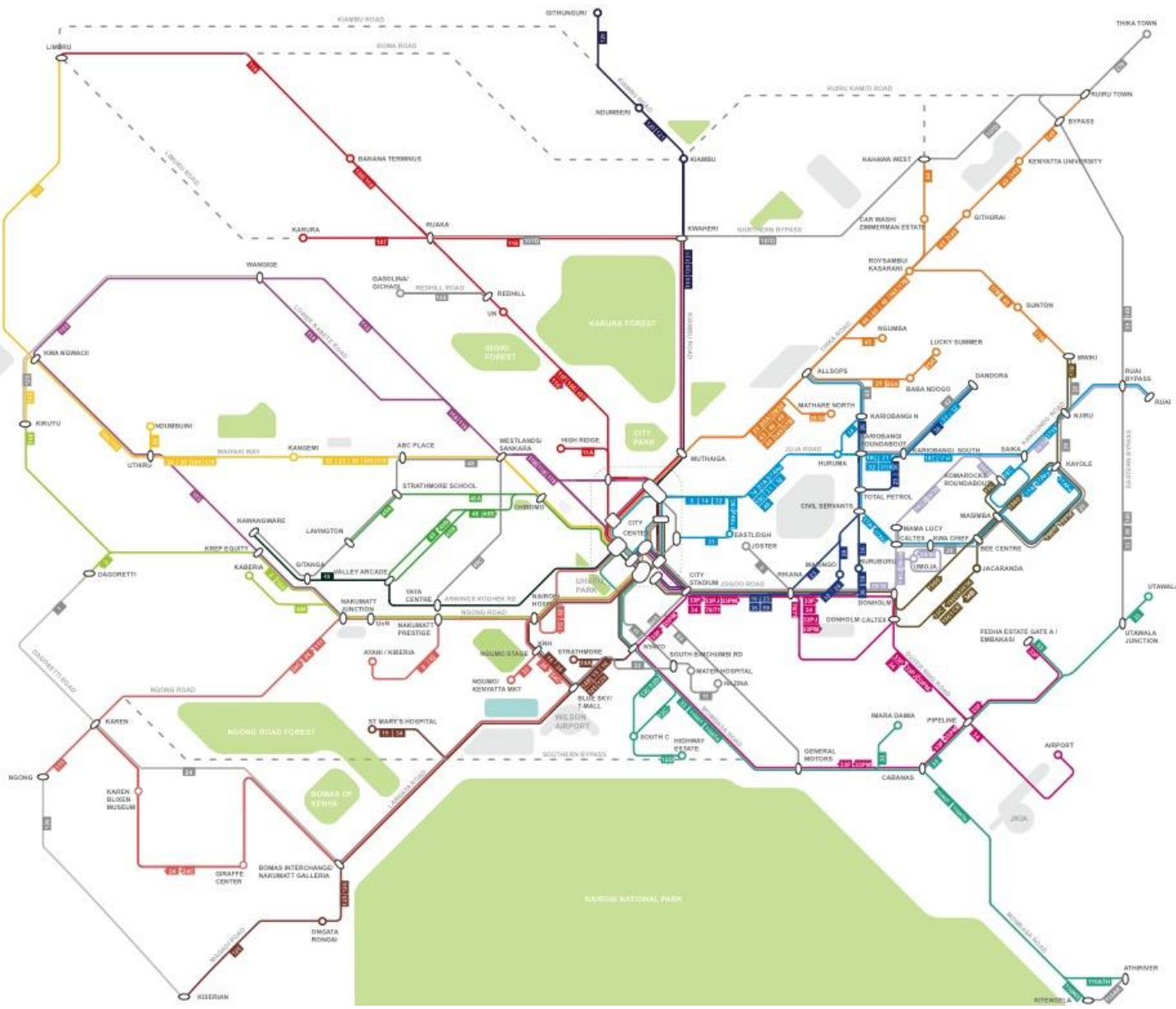
Digital Matatus mapping meeting



Image: Digital Matatus

NAIROBI MATATU ROUTES

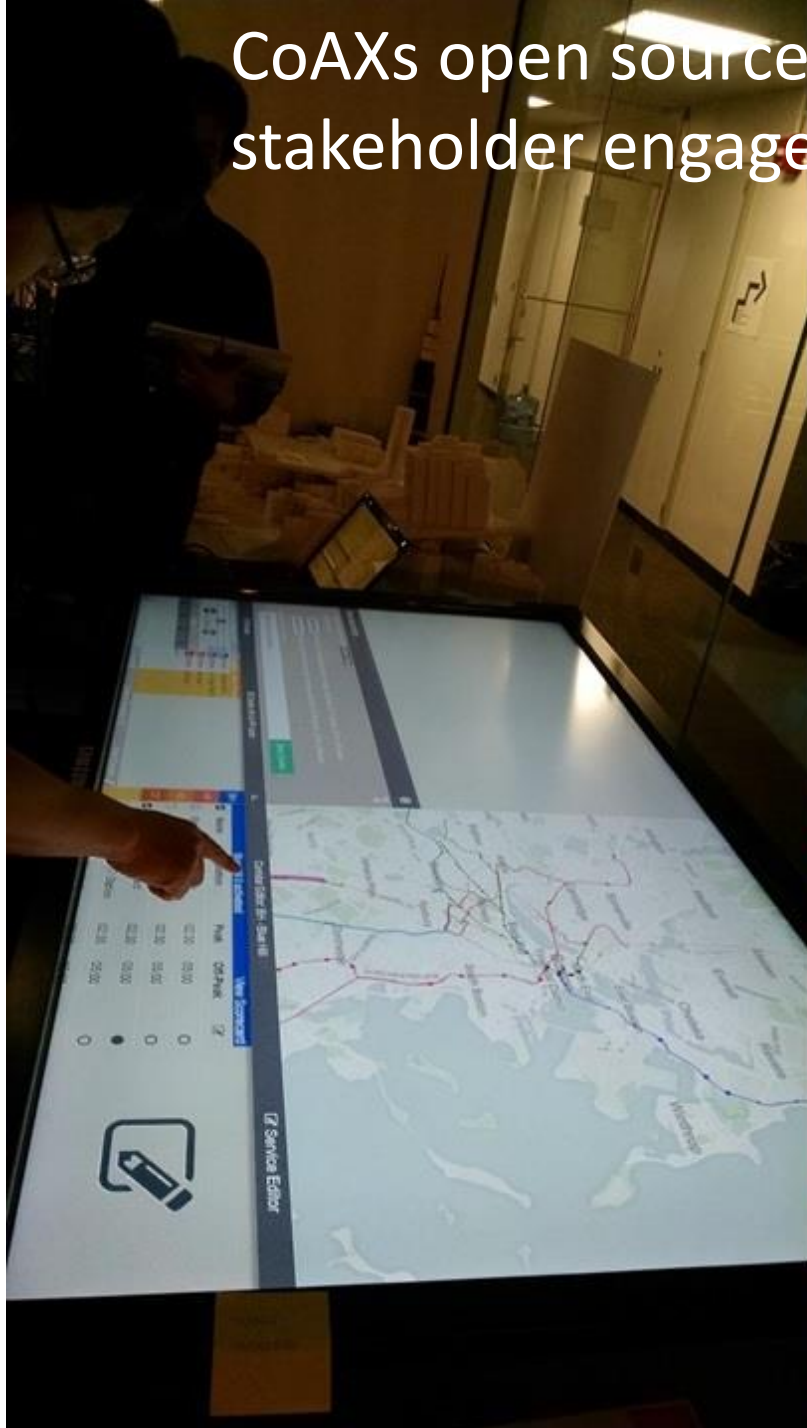
digitalmatatus



*M line also to Mombasa, Sironi, Emberton, and Sironi
 **S line also to Fabis, Mzee Dabala, Highway, South
 ***S line also to Karisungu Roundabout
 Data developed through a research collaboration between the Civic Design Lab, MIT, Center for Sustainable Urban Development, Columbia University, School of Computing and Informatics, University of Nairobi, Groupworks Research funded by the Rockefeller Foundation.
 Data collected by:
 University of Nairobi School of Computing and Informatics
 Paper Map Illustrated by:
 Wafiqi Aza Saad Wabwana (Civic Design Lab)
 FOR FEEDBACK & MORE INFORMATION:
 http://www.digitalmatatus.com
 Data Release : Created January 23, 2014

Image: www.digitalmatatus.com

CoAXs open source transport planning stakeholder engagement tool



General Transit Feed Specification (GTFS) development



Image: Civic Commons via MediaShift



from Zuoying / THSR 813, Kaohsiung City, Zuoying Dis...
to B3 Warehouse, EcoMobility Congress, No. 17, Peng...

10:33 AM (Tuesday) - 10:59 AM (26 min)

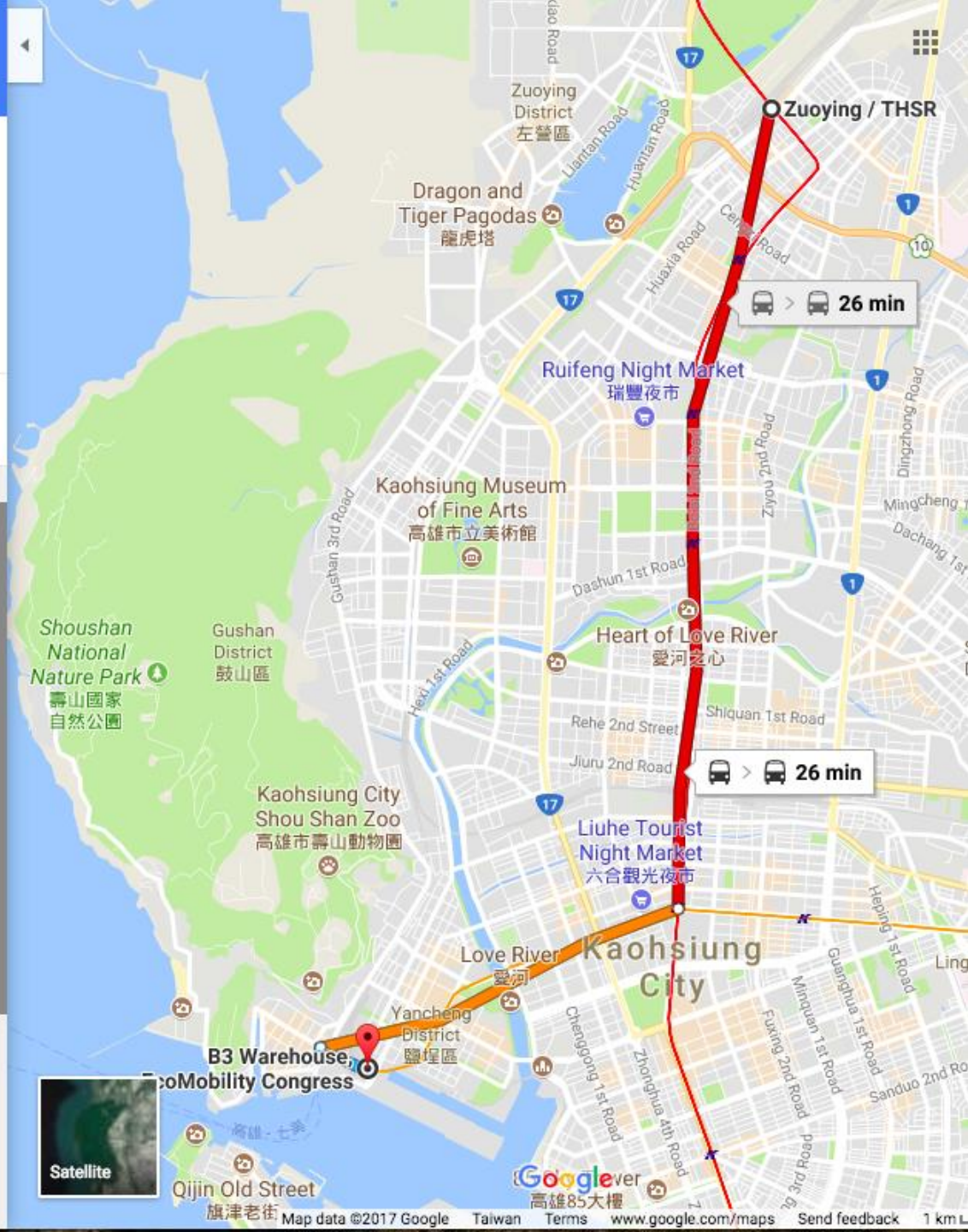
Red > Orange > Walk

10:33 AM from Zuoying / THSR

5 min

SCHEDULE EXPLORER

- 10:33 AM **Zuoying / THSR**
813, Kaohsiung City, Zuoying District, 高鐵路 107號
- 10:33 AM **Zuoying / THSR**
- Red** Siaogang
✓ 11 min (6 stops) · Stop ID: R16
- 10:44 AM
10:48 AM **Formosa Boulevard Station**
- Orange** Sizihwan
✓ 6 min (3 stops) · Stop ID: O5
- 10:54 AM **Sizihwan Station (Hamasing)**
- Walk**
✓ About 5 min , 400 m
- 10:59 AM **B3 Warehouse, EcoMobility**



Satellite



Questions to consider:

- Does our innovation process actually bring in new ideas?
- Who isn't in the room? What voices are missing?
- Who can we collaborate with (and how) to create partnerships and alliances to solve problems?
- How can we create innovation processes that are both inclusive and creative?
- Are we innovating to solve the most pressing problems?
- Is our technology just meeting the needs of the affluent or is it helping disadvantaged people too?
- ...don't stop questioning!

MEETING OF THE MINDS
ANNUAL SUMMIT
October 23-25, 2017

SPOTLIGHTING INNOVATIONS IN
**urban sustainability &
connected technology**

CLEVELAND, OHIO
Global Center for Health Innovation



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Meeting
of the **Minds.org**