



SMART CITIES FORUM - CHILE

2 February 2018



INTRODUCTION

WITH LATIN AMERICA EMBRACING ELECTRIC MOBILITY, THE FIA SMART CITIES FORUM OPENS ITS SECOND SEASON ON THE OCCASION OF THE FORMULA E RACE IN SANTIAGO DE CHILE

The challenges of climate change and rapid urbanisation have prompted stakeholders in transportation to take action towards more sustainable forms of mobility. While a great leap forward in the direction of sustainable mobility solutions has already happened, cleaner and more sustainable transport services must be integrated to every economic activity inside cities to meet evolving consumer demand, and but to ensure the continuity of this progress.



A choice of mobility modes and patterns has a clear collective dimension to it. That is why in Chile, local authorities have not only promoted a switch to electric mobility at the individual level but also started to embrace electrification through public transport, introducing the first free community transport service provided by a pure electric bus. A better consumer awareness of clean transport technologies available on the market has a direct and immediate impact on the environment and the overall quality of life for all city dwellers.

Capitalising on this momentum, the FIA Smart Cities Forum will gather mobility stakeholders in both public and private sectors who take action towards the sustainable development of transportation in Chile. The Mayors of Santiago de Chile as well as other cities in Latin America and Europe will join experts from leading international organisations in transport to discuss how cleaner and more sustainable mobility solutions can unlock new economic opportunities and foster market growth. The Forum will also reveal the latest innovations in the field of e-racing and demonstrate their potential transfer to road cars.

The Forum will address the following topics:

- The importance of vehicle emission and fuel efficiency standards
- Measuring air quality in an innovative manner
- The importance of communicating transformations to consumers
- Highlighting the synergies between national strategies and global resolutions to decarbonise transportation
- Encouraging cooperative relationships such as B2B, B2G, and G2G

SANTIAGO DE CHILE

CLEAN MOBILITY FOR A STRONG ECONOMY

2 FEBRUARY 2018



AGENDA

2 February 2018 // 9.00 - 15.30

eMotion Pavilion at the Formula E Circuit

9.00 - 9.45

OPENING REMARKS

The future of urban mobility systems in Latin America

Jean Todt, President, FIA

Claudio Orrego, Chief Mayor of Santiago de Chile

Miguel Ángel Mancera, Mayor of Mexico City

Juan Espadas Cejas, Mayor of Seville

Alejandro Agag, CEO, Formula E Holdings

Alejandro Quintana Hurtado, President, Automóvil Club de Chile

10.45 - 11.30

PANEL DISCUSSION

Unlocking the benefits of clean transport solutions

John Rossant, CEO & Founder, New Cities Foundation

Gianni López R., Director, Centro Mario Molina, Chile

Nicola Cotugno, General Manager, Enel Chile

Laura Ballesteros, Undersecretary for Mobility, Mexico City

Gustavo Manez, Climate Change Coordinator, UN Environment Programme

12.15 - 12.25

INTERVIEW WITH A FORMULA E DRIVER

Sustainable future of the championship

Lucas di Grassi, Audi Sport ABT Schaeffler Driver



14.00 - 15.00

TRACK & GARAGE VISITS

Testing innovations in practice

ENEL FIA Safety Center

Qualcomm FE Team Garage

Michelin



10.15 - 10.45

COFFEE BREAK

9.45 - 10.15

KEYNOTES

Decarbonisation of transport

Dr Young Tae Kim, Secretary General, International Transport Forum

Connecting for climate action across Smart Cities

Max T. Edkins, Acting Manager, Connect4Climate Programme

11.30 - 12.15

START-UP PITCHES

Learning entrepreneurs in the fields of new mobility solutions

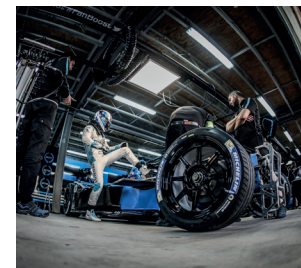


12.40 - 14.00

LUNCH BREAK

12.25 - 12.40

GARAGE VISITS OVERVIEW



15.00 - 15.30

SHAKEDOWN



INTERVIEW WITH DR YOUNG TAE KIM

International Transport Forum (ITF) Secretary-General

Q. Why should decarbonising be a key element of any transport strategy?

A. Transport accounts for almost a quarter of man-made CO₂ emissions, second only to emissions from the energy sector. Furthermore, transport emissions are still growing, while others sectors have peaked and their CO₂ emissions are falling. As incomes rise the number of cars on the road is growing quickly and this is set to continue. Therefore, action to reduce CO₂ emissions from transport is vital to meet climate change targets. We at the ITF are working to build a catalogue of effective mitigation measures to help governments in choosing the right path for the decarbonisation of transport. We do not want to end up in a situation where governments are obliged to reduce the mobility of people and forego all the benefits, economic and personal, that come with it.

Q. Should national governments or the private sector take the lead in the transition to low emission transport solutions?

A. Both the private and the public sectors need to lead the transition. Governments have to create a framework in which private initiative is stimulated and citizens and firms are rewarded for their decarbonising efforts, in proportion to the greenhouse gas emissions avoided. Governments should consider setting progressively tighter fuel economy standards. This will allow vehicle manufacturers to invest in low carbon technologies with confidence.

The private sector is leading technological innovation, such as improving the performance of batteries for electric mobility which will become important in the long term, while governments are in a good position to nurture the market with the electrification of their own vehicle fleets.

Q. What innovation can help governments speed up emission reductions in transport?

A. Remote sensing of tailpipe emissions is one innovation that can ensure that vehicle technologies deliver what they promise. It also helps to ensure that policies to reduce CO₂ emissions and reduce air pollution work hand in hand. This and the on-board diagnostics required by the latest emissions test regulations in Europe and the USA will ensure emissions of NO_x and Particulate Matter by cars, buses and trucks are cut at the same time as CO₂ emissions.

On a broader front, many cities are investigating shared mobility solutions that make better use of the capacity of vehicles. Private cars are only used 50 minutes out of 24 hours on average, and then carry only 1.2 to 1.4 passengers. Digital technology offers the possibility to match demand for travel with supply of rides to move more people with fewer vehicles. Cars would do what they were made for, rather than be mostly idle in our streets and front yards.



YOUNG TAE KIM
ITF Secretary-General

Young Tae Kim is the Secretary-General of the International Transport Forum (ITF). Prior, Dr Kim served as Director-General in Korea's Ministry of Land, Infrastructure and Transport (MOLIT). He holds Master's degrees from Seoul National University and Paris University de Vincennes-Saint-Denis, as well as a Doctorate in Political Sociology and Public Policy from the Institut d'Etudes Politiques (Sciences-Po), France.

INTERVIEW WITH JOHN ROSSANT

CEO of the NEW CITIES FOUNDATION

Q. What is the biggest challenge cities face in today's rapidly developing urban environment?

A. The next great urban revolution will be sparked by the vast changes underway in how people and goods move around. Urban mobility is driving change in cities around the world and the incredible rate of innovation in recent years has redefined our experience in cities. Advancements that are underway in the urban mobility world – car-sharing, Mobility as a Service solutions, drones, data and, of course, autonomous vehicles – will transform the urban world more than anything else over the next ten years.

Q. Can innovation accelerate the achievement of global sustainability and environmental targets?

A. Urban leaders and decision makers must, first and foremost, cultivate an ecosystem that nurtures innovation to address the seemingly insurmountable urban challenges we face. Often it is the pioneers, inventors and thinkers of the world who find solutions to perennial problems by their capacity to challenge the status quo and imagine new approaches. In many cities, visionary entrepreneurs are creating solutions to some of the most pressing urban challenges, including fighting carbon emissions.

Q. Why should mobility be at the core of every urban plan and strategy?

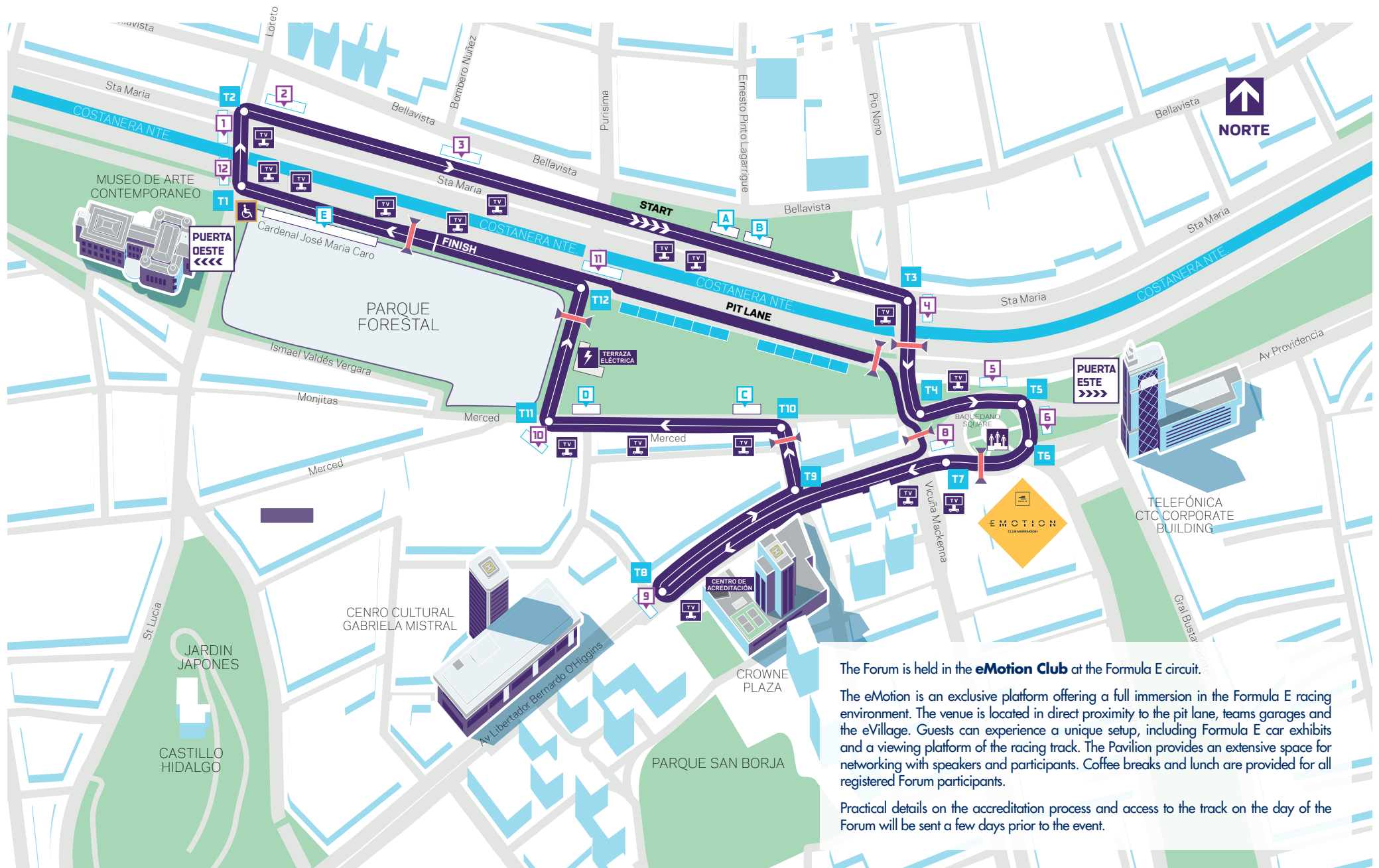
A. The mobility revolution will reshape the geography of all cities, change the way humans think about the distinction between work and play and alter our very notions of space and time. Cities that move effectively - and equitably - will be the real power players in the coming decades. Creating greater access to mobility in our cities is something we must aspire to in order to improve the lives of those who rely on our roadways and mobility services - as virtually all of us do.



John Rossant
Chairman,
NewCities Foundation
Founder and Chief Curator,
LA CoMotion

John Rossant is the Founder and Chairman of NewCities, a major global non-profit institution dedicated to improving the quality of life and work in cities. He is also leading LA CoMotion, the new global annual event on the future of urban mobility, which takes place in the heart of Los Angeles. John previously led the production of the World Economic Forum Annual Meeting in Davos, Switzerland and of the e-G8.

LOCATION



The Forum is held in the **eMotion Club** at the Formula E circuit.

The eMotion is an exclusive platform offering a full immersion in the Formula E racing environment. The venue is located in direct proximity to the pit lane, teams garages and the eVillage. Guests can experience a unique setup, including Formula E car exhibits and a viewing platform of the racing track. The Pavilion provides an extensive space for networking with speakers and participants. Coffee breaks and lunch are provided for all registered Forum participants.

Practical details on the accreditation process and access to the track on the day of the Forum will be sent a few days prior to the event.



NEXT SMART CITIES FORUM
13 APRIL - ROME



enel

JCDecaux

Julius Bär



FIA.COM/FIA-SMART-CITIES