Good Night Seattle - Good Morning Auckland:

An International Perspective on Sustainability



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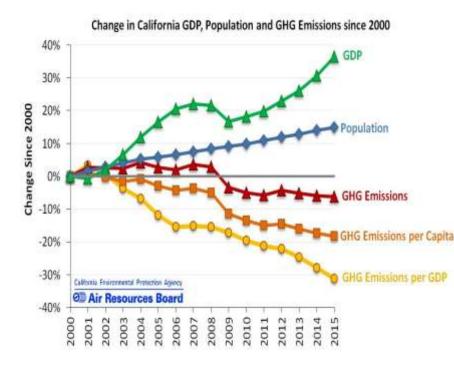






Since 2000, More Than 20 Countries Have Reduced Annual GHG Emissions While Growing Their Economies

COUNTRY	CHANGE IN CO ₂ (2000–2014)	CHANGE IN GDP (2000–2014)
Austria	-3%	21%
Belgium	-12%	21%
Bulgaria	-5%	62%
Czech Republic	-14%	40%
Denmark	-30%	8%
Finland	-18%	18%
France	-19%	16%
Germany	-12%	16%
Hungary	-24%	29%
Ireland	-16%	47%





DELIVERING PARIS

What we are aiming for - every city needs to get to 2tpp/yr



















Accra Addis Ababa Amman Amsterdam Athens Auckland Austin Bangkok Barcelona Basel Beijing Bengaluru Berlin Bogotá Boston Buenos Aires Cairo Cape Town Caracas Changwon Chicago Copenhagen Curitiba Dar es Salaam Delhi NCT Dhaka Dubai Durban Guangzhou Hanoi Heidelberg Ho Chi Minh City Hong Kong Houston Istanbul Jaipur Jakarta Johannesburg Karachi Kolkata Lagos Lima London Los Angeles Madrid Melbourne Mexico City Milan Moscow Mumbai Nairobi Nanjing New Orleans New York City Oslo Paris Philadelphia Portland Quezon City Quito Rio de Janeiro Rome Rotterdam Salvador San Francisco Santiago Sao Paulo Seattle Seoul Shanghai Shenzhen Singapore Stockholm Sydney Tokyo Toronto Tshwane Vancouver Venice Warsaw Washington DC Wuhan Yokohoma







5 Top Priority Actions

3 Principles

Integrate

Sustainability targets for council adopting, monitoring and reporting results

Whole-of-life costing

to justify economic sustainability benefits of proposals

Invest

Sustainability procurement policies/ process requiring explicit consideration of sustainable use of materials

Invest

Designing in-built resilience to cope with climate change impacts and other future challenges



Integrate



Installing LED street lights and smart controls

Innovate



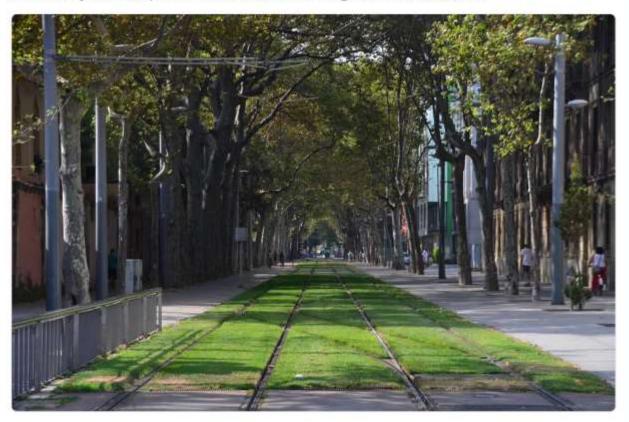






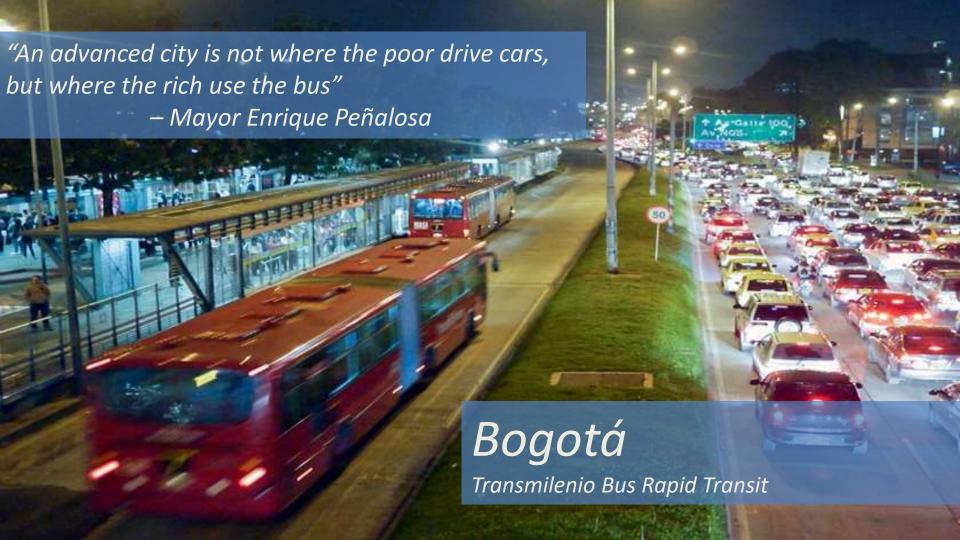
John Mauro @SustainableAkl · Sep 26

How do the most successful cities in the world do #sustainability? I'm spending time w my counterparts in @c40cities sharing ideas. #AKLabr8































TOOLS ON PRIVATE LAND

RESIDENTIAL SCALE RainWise cisterns Garage roof

ainWise raingarder



TOOLS ON PUBLIC LAND





Swale on Yale

multi-benefit use of the right-of-way

primary project purpose: FLOOD PREVENTION

total drainage area



primary project purpose: FLOOD PREVENTION

total drainage area



multi-benefit use of parcels





















Rotterdam

Accelerating the circular economy

