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Team

# Climate action planning: Where to start? What have we learnt so far?

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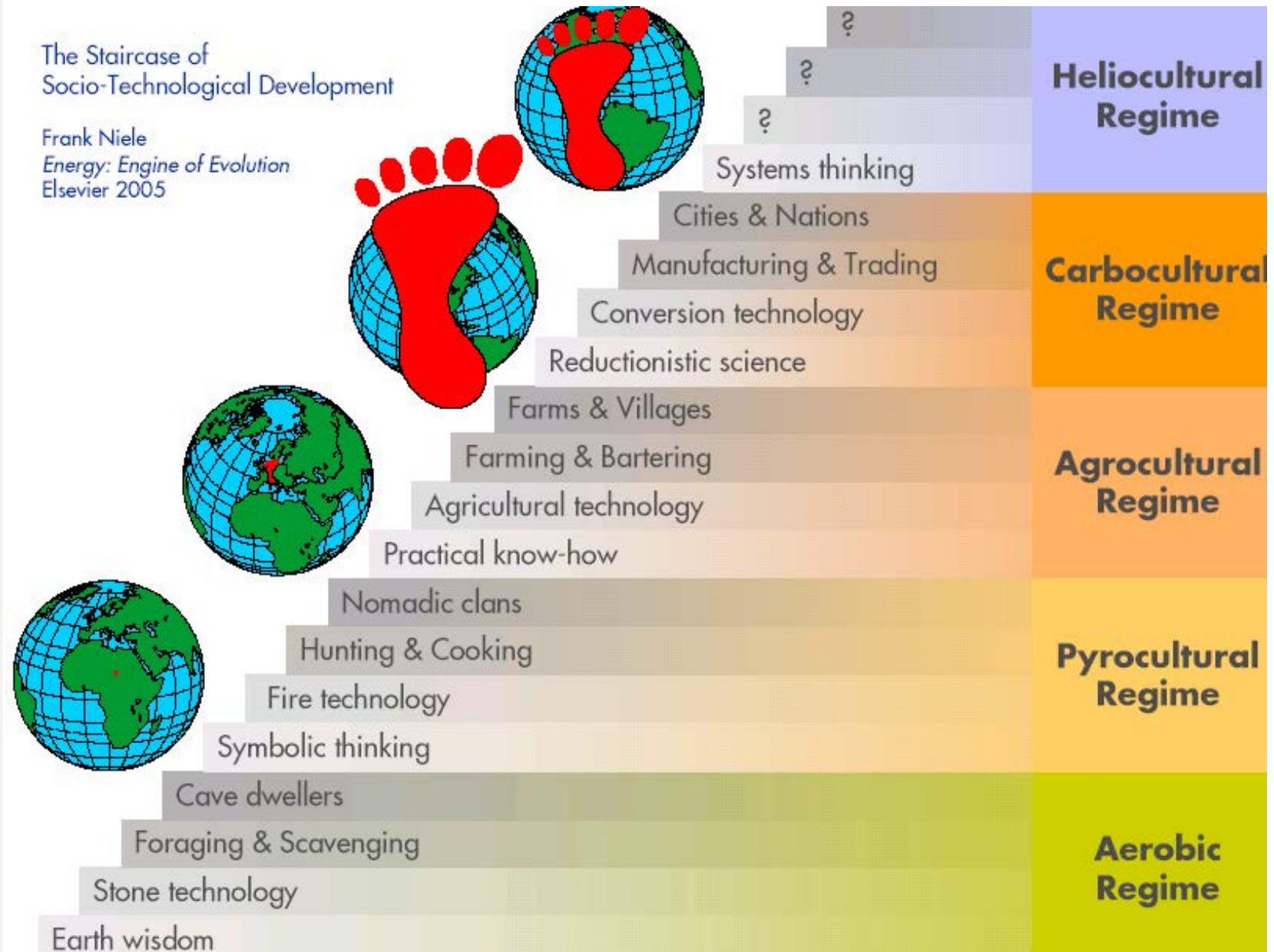
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# 1.5 °C CLIMATE PLANNING VS CLASSIC SUSTAINABLE PLANNING

The Staircase of  
Socio-Technological Development

Frank Niele  
*Energy: Engine of Evolution*  
Elsevier 2005




# Paris Agreement compatible planning can make our cities more liveable, healthy, prosperous, inclusive & resilient




FROM ASPIRATION TO REALITY

## But what does this mean for cities?



What does a climate action plan that is compatible with the Paris Agreement look like?



How do I know if my climate action plan is compatible with the Paris Agreement?

FROM ASPIRATION TO REALITY

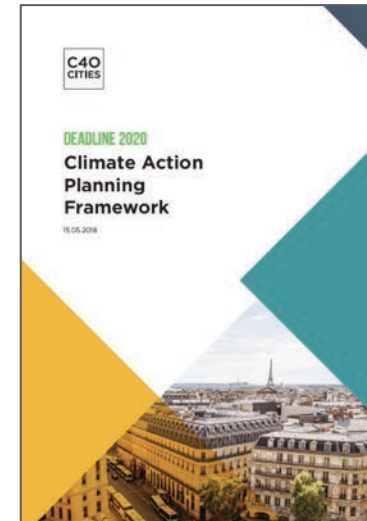
# Climate Action Planning Framework developed by cities



2017

Launched Climate Action Planning pilot programme: Boston, Durban, London, Los Angeles, Melbourne, Mexico City, New York, Paris

2018



Outlines the essential components of a climate action plan to deliver low-carbon resilient development consistent with the ambitions of the Paris Agreement

Launched Climate Action Planning Framework

FROM ASPIRATION TO REALITY

# Key components of Climate Action Planning

## EMISSIONS NEUTRAL

Develop a pathway to deliver an emissions neutral city by 2050 at the latest and set an ambitious interim target and/or carbon budget

## RESILIENCE TO CLIMATE HAZARDS

Demonstrate how the city will adapt and improve its resilience to the climate hazards that may impact the city now and in future climate change scenarios



## GOVERNANCE & COLLABORATION

Detail the governance, powers and the partners who need to be engaged in order to accelerate the delivery of the city's mitigation targets and adaptation goals

## INCLUSIVITY AND BENEFITS

Outline the social, environmental and economic benefits expected from implementing the plan, and improve the equitable distribution to the city's population

FROM ASPIRATION TO REALITY

# Carbon emissions neutrality – definition by cities

## **PARIS AGREEMENT COMPATIBLE PLANNING INCLUDES COMMITMENT TO:**

***"DEVELOP A PATHWAY TO DELIVER AN EMISSIONS NEUTRAL CITY BY 2050 AT THE LATEST, AND SET AN AMBITIOUS INTERIM TARGET AND/OR CARBON BUDGET".***

## ***"AN 'EMISSIONS NEUTRAL' CITY MEANS:***

- ***Net zero GHG emissions from fuel use in buildings, transport and industry (scope 1);***
- ***Net zero GHG emissions from use of grid-supplied energy (scope 2);***
- ***Net zero GHG emissions from the treatment of waste generated within the city boundary (scopes 1 and 3);***
- ***Whenever possible, minimised GHG emissions related to emissions occurring outside the city boundary as a result of goods and services consumed by city residents, businesses and government (scope 3)"***  
***(Climate Action Planning Framework, p.5)***

FROM ASPIRATION TO REALITY

# Climate Action Planning Framework Pillars



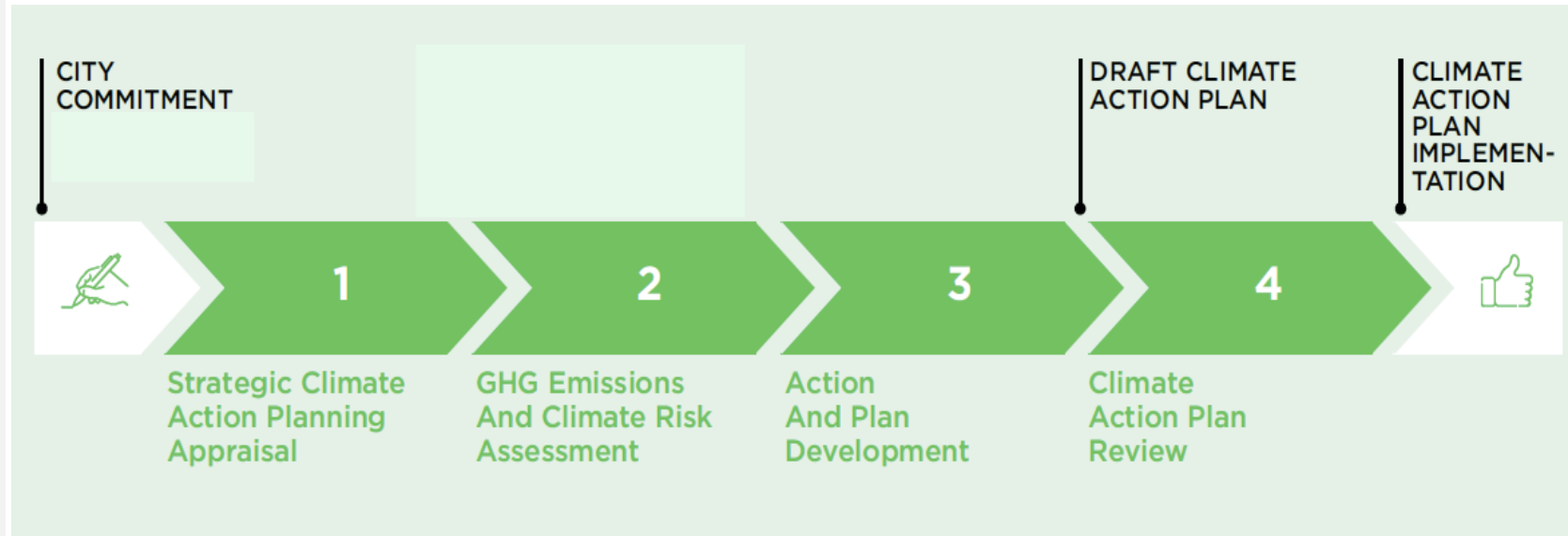


IT IS NOT ABOUT THE  
ACTION PLAN BUT  
THE CLIMATE ACTION

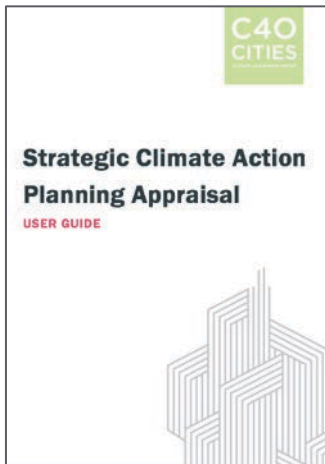


Because cities that  
have a plan are  
**3 TIMES MORE**  
likely to take action

# WHERE TO START? CLIMATE ACTION PLANNING PROCESS BEST PRACTICES



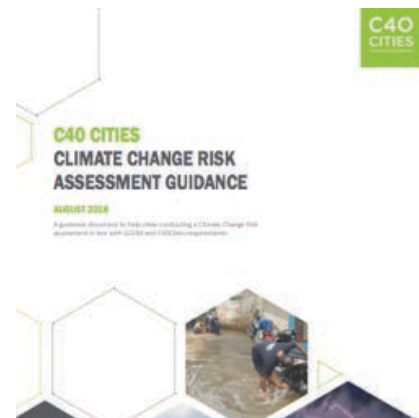
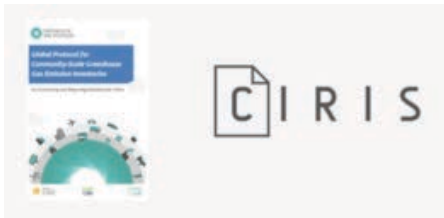
# 1. Strategic Climate Action Planning Appraisal



- **Starting point** for cities to determine to what extent their current and/or planned climate targets, policies, plans and programmes are consistent with the goals of the Paris Agreement (and CAP Framework)

CLIMATE ACTION PLANNING

## 2. GHG Emissions and Climate Risk Assessment



- **Update and/or develop evidence base** on city-wide GHG emissions and current and future climate risks. This enables cities to prioritise actions, set goals, targets and measure progress.
- Key components: **GHG emission inventory; GHG emission scenarios; adaptation planning; climate risk assessment; stakeholder mapping; and policy analysis.**

CLIMATE ACTION PLANNING

# 3. Action and Plan Development



- Mitigation and adaptation actions should be prioritised based on the greatest **impact**, inclusive **benefits** and on their ability to fulfil **city objectives**, and developed with the community and partners.
- The plan should set out **how these actions will be delivered** and climate-proofed, lead to a **measurable impact**, and identify **resources needed** for implementation.
- Key components: **action prioritization**, **scenario modelling**, **stakeholder engagement**, inclusive climate action.

CLIMATE ACTION PLANNING

## 4. Climate Action Plan Review

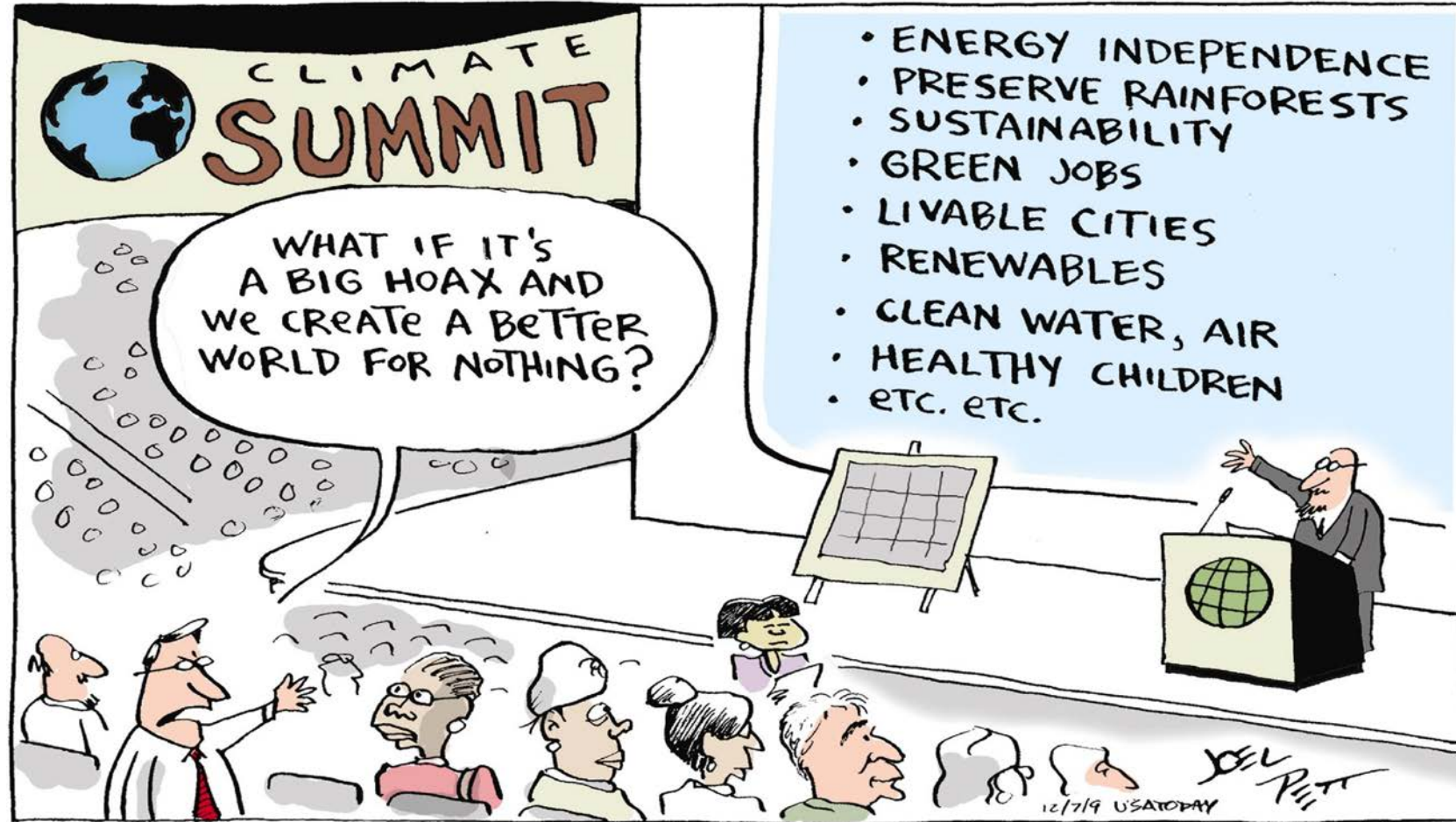


- **Review** to confirm that city's final/draft climate action plan (or plans and relevant documents) meets the essential elements of the CAP Framework for **compatibility with the Paris Agreement**
- Conducted in partnership with the city
- Review by external providers or global networks
- Launch plan!



**NOT AN EASY TASK...**

**BUT LOCAL & GLOBAL  
BENEFITS SHOW IT IS  
WORTH IT!**



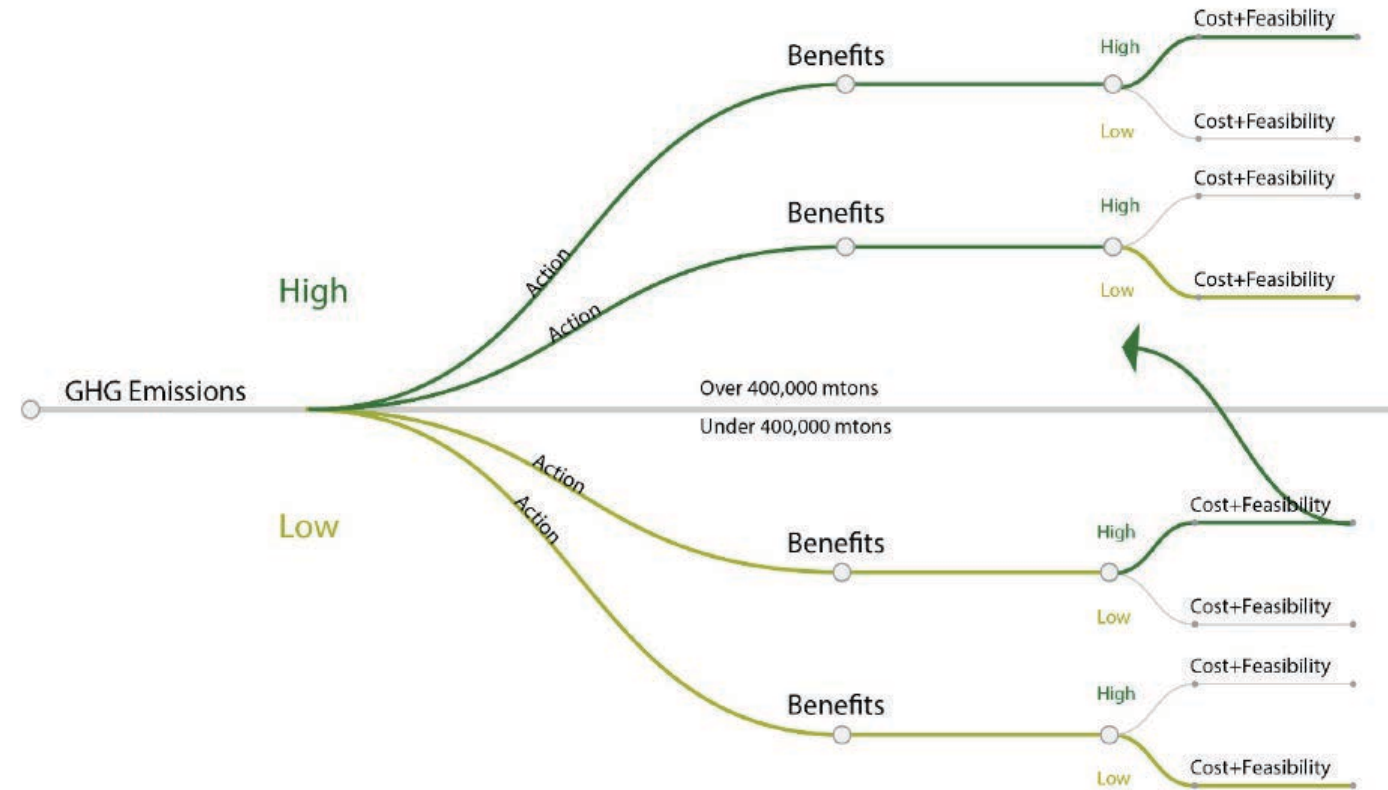
# New York City – maximising co-benefits in 1.5° C CAP

1.5° C: Aligning New York City with the Paris Climate Agreement

## Action prioritisation

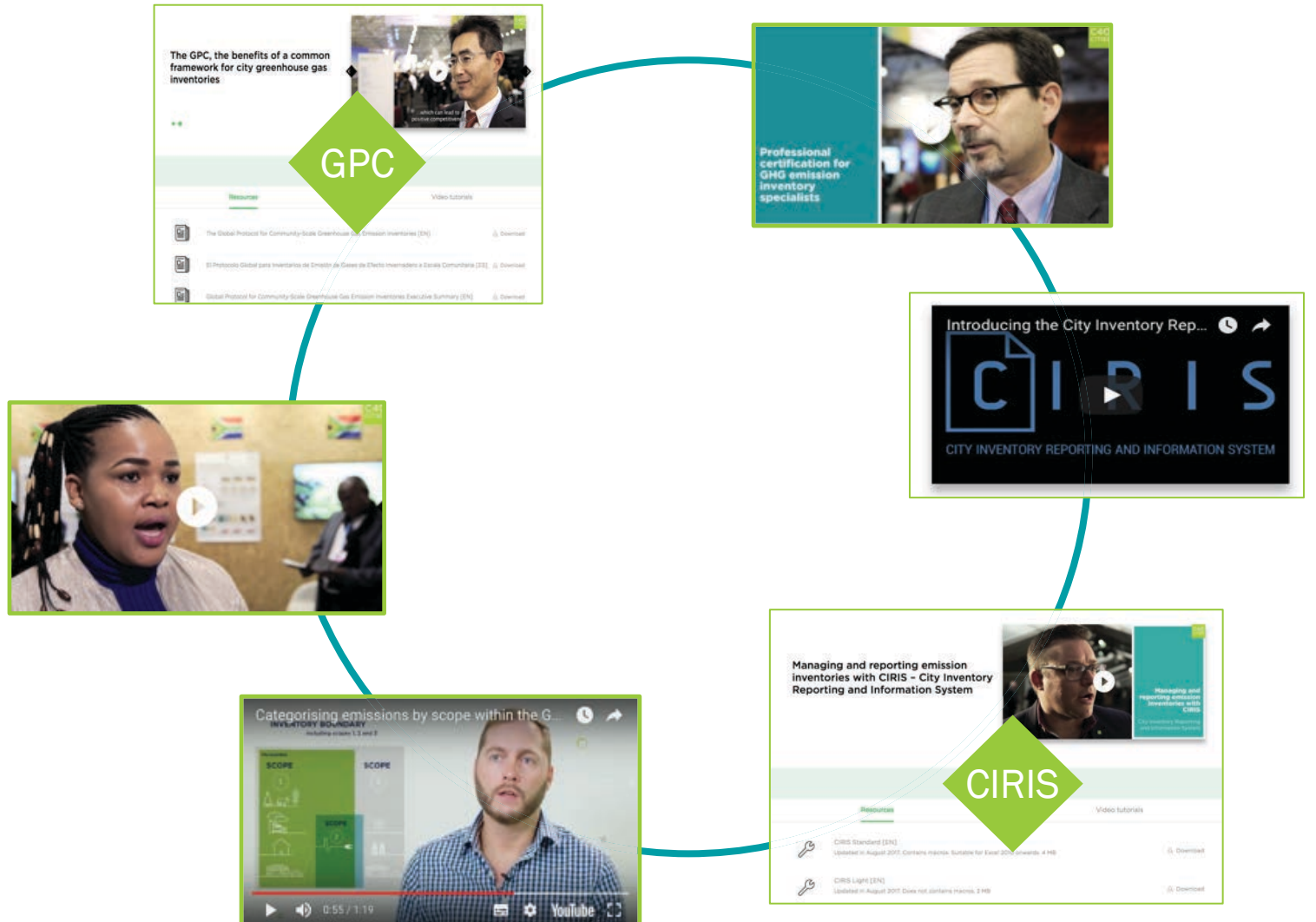
30 priority actions identified from a list of 160 potential actions through consultation with stakeholders and based on four criteria:

1. Near-term GHG emissions reduction
2. Benefits (Growth, Equity, Sustainability and Resiliency)
3. Cost
4. Feasibility





**THERE ARE TOP CLASS RESOURCES AND BEST PRACTICES AVAILABLE TO YOU!**



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**Guidance, tools, trainings, templates – in multiple languages**



**Climate Action Planning Resource Center**  
**[www.resourcecentre.c40.org](http://www.resourcecentre.c40.org)**

## **YOU ARE NOT ALONE!**

- ***PILOT C40 CITIES***
- ***PEER CITIES***
- ***NATIONAL GOVERNMENTS***
- ***GLOBAL NETWORKS***
- ***GLOBAL FUNDERS***



**C40  
CITIES**  
CLIMATE ACTION PLAN

**Cities leading the way:**  
Seven climate action plans to  
deliver on the Paris Agreement

# Barcelona

*BCN Climate Plan 2018-2030*

**Core theme is “people and their well-being”**

The CAP includes 18 high level actions, based on four strategic themes:

1. Mitigation
2. Adaptation and Resilience
3. Climate Justice
4. Promoting Citizen Action



CITIES LEADING THE WAY

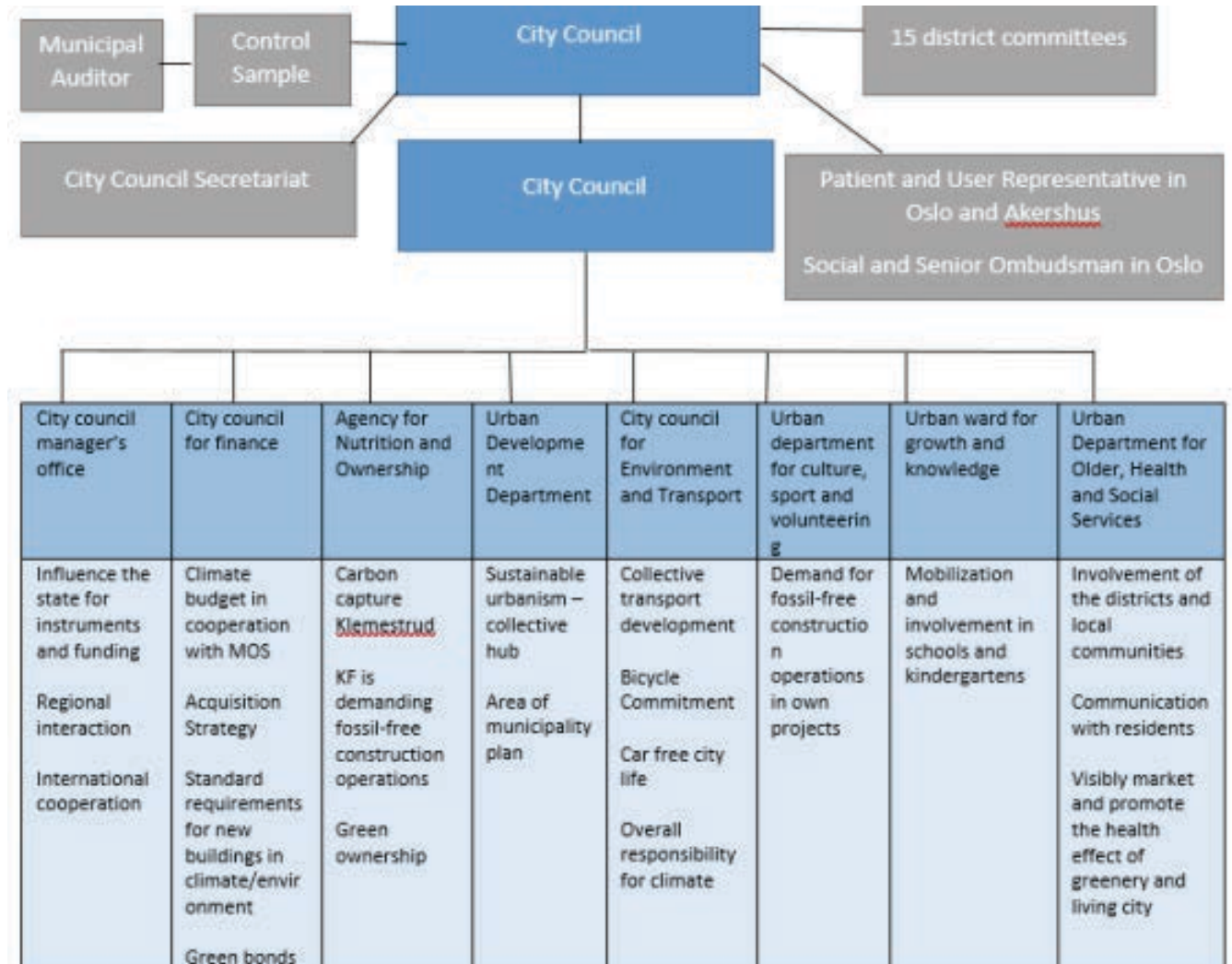
# Oslo

## Climate and Energy Strategy for Oslo

### Divided into four themes:

- Urban development and mobility
- Buildings
- Resource utilisation
- **Climate governance & communication**

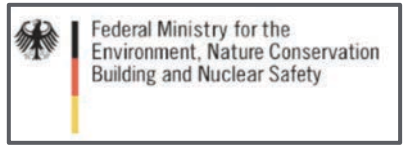
To meet its climate goals, Oslo is counting carbon the same way money is counted. Every year each department is given a very clear GHG reduction target to work towards.



# ~30 Global South cities are currently going through Paris Agreement compatible climate action planning (2018-2020)



Sao Paulo's experience?



# LESSONS LEARNED FROM C40 CLIMATE ACTION PLANNING PILOT



# Lessons Learned



One size does not fit all



Understand your powers and influence

It's all about team work



Good governance is critical

Focus on implementation



Getting to zero is difficult



Power of the network



Manage your consultant



Dream BIG!

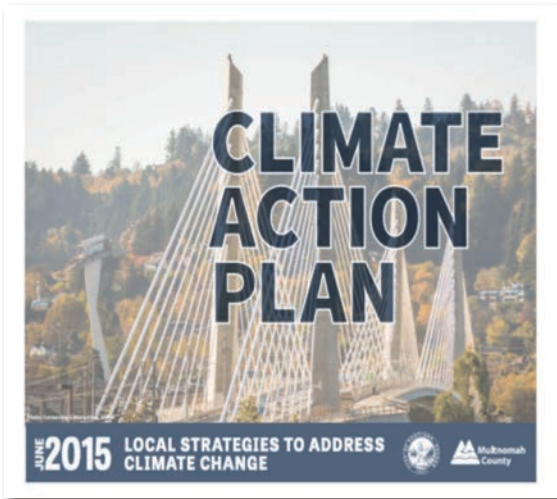




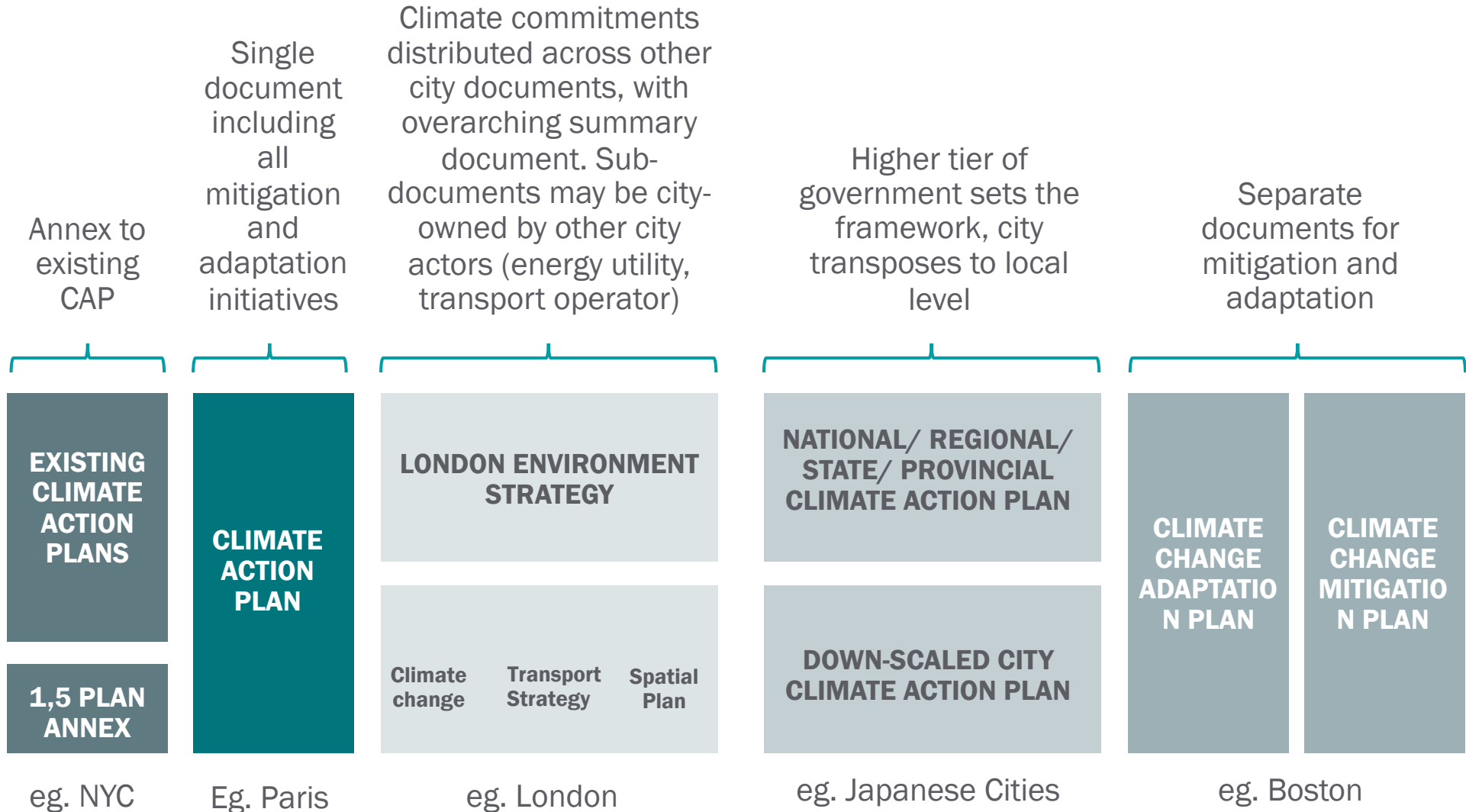
## Lesson #1

**One size does  
not fit all**

# No one plan is the same – but all need to share the ambition



# Climate action plans come in all shapes and sizes



CAP PILOT PROGRAMME: LESSONS LEARNED

## Lesson #2

**Good governance  
is critical**

## Mayoral commitment is important but not enough

*“Ensure the project team is experienced and supported by strong internal governance who understand the complexity of the task”*

- CAP governance was most effective when it included senior-level steering committees and working groups with representatives from different departments

CAP PILOT PROGRAMME: LESSONS LEARNED

## Lesson #3

**It's all about  
teamwork**

# Let's work together

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- **Strong project teams** allow the project lead to focus on engaging stakeholders, building internal capacity, and tapping into the global networks & best practices
- **Have cross-sectoral city project teams** with experts on mitigation, adaptation, buildings and transport etc.
- Prepare for **staff changes**

CAP PILOT PROGRAMME: LESSONS LEARNED

## Lesson #4

# Manage your consultants



*”Double the time that the consultants allocate to the project and plan accordingly. There will be a need for several rounds of reviews”*

*“Managing consultants is challenging for various reasons and will require a lot of attention to how the scope of work/terms of reference are written, as well as close project management”*

*“You will need to put in significant effort to shape reports and deliverables throughout and to ensure ‘ownership’ of work so that deliverables such as models can be updated and used going forward”*

CAP PILOT PROGRAMME: LESSONS LEARNED

## Lesson #5

**Getting to zero  
is difficult**

# You don't need all the answers now

- **Define a vision and pathway to 2050 but focus on actions that will deliver results in the next 5-10 years**
- Report GHG emissions which the city cannot see a way to reduce now but commits to addressing in the future (through e.g. new technologies, offsetting) as “residual” emissions
- Examples:
  - NYC = 20% residual emissions
  - London = 10% residual emissions
  - Oslo = 5% residual emissions

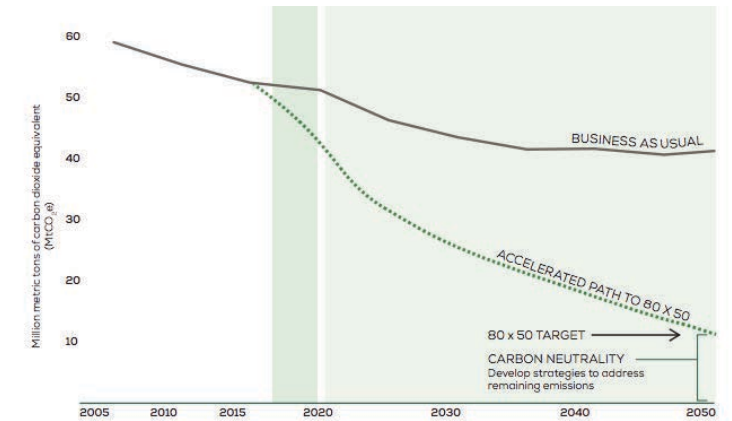
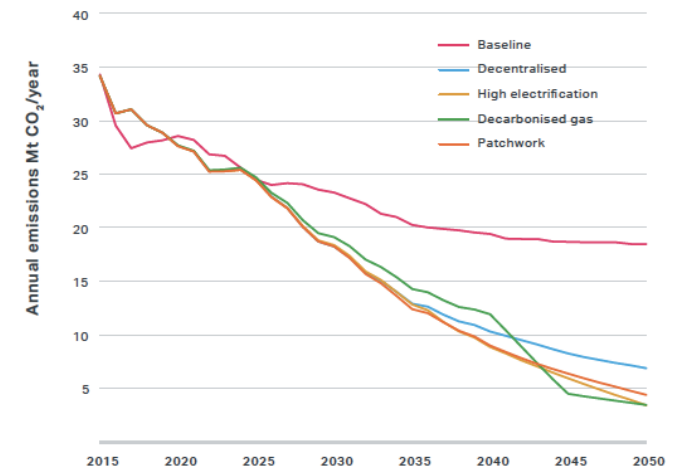


Figure 1: London's projected emissions



## Lesson #6

# Understand your powers and influence

## Cities can't do it alone

- Conduct a **powers assessment** in the early stages
- Understand your city's powers and the power of other organisations
- **Include all necessary policies, programmes and projects required from other stakeholders** in your modelling and climate action plan
- Identify what actions your city should take to influence those other organisations



**Do this for the citizens & communities, and with them!**

***From DATA-DRIVEN & COMMUNITY-INFORMED***

***to DATA-INFORMED & COMMUNITY-DRIVEN***



CAP PILOT PROGRAMME: LESSONS LEARNED

## Lesson #7

# Focus on implementation

## Address barriers early on

- Build **partnerships** for delivery
- **National and state** policy reform
- Mobilise **powers, finance & resources** for implementation
- **Civil society and private sector** engagement and communication
- **Monitoring, evaluation and reporting**

*“Always think of implementation and practicality during the climate action planning process”*



CAP PILOT PROGRAMME: LESSONS LEARNED

## Lesson #8

# Power of the network

## It's not what you know, it's who you know

*“Be creative and look at what other cities are doing. Take advantage of pilot cities to accelerate the development of your own plan”*

- Talk to as many people, departments and organisations as you can
- Connect to existing networks:
  - City government
  - City
  - C40/ICLEI/WRI/etc.
- Establish new networks (country/regional)

CAP PILOT PROGRAMME: LESSONS LEARNED

## Final words of advice from C40 Pilot Cities



**Dream  
BIG**

**LONG WAY UNTIL  
CARBON  
NEUTRALITY IN  
2050...**

**... NOT A ONE-OFF,  
BUT AN ITERATIVE  
PROCESS**



**AND IF ALL OF THIS  
BECOMES TOO MUCH... IF  
THE WORK IS NOT  
MOVING ALONG AS WELL  
AS WE HOPED...? HOW TO  
KEEP MOTIVATED?!**

**... THINK OF THE  
CHILDREN, THEY'RE  
COUNTING ON US!**





Global Platform for Sustainable Cities



WORLD RESOURCES INSTITUTE ROSS CENTER

# Over the next 2 days we will go into detail

- GHG INVENTORIES
- CLIMATE RISK ASSESSMENT
- ACTION PRIORITISATION
- CO-BENEFITS
- STAKEHOLDER ENGAGEMENT
- VERTICAL INTEGRATION & COLLABORATION
- *CITY CLINICS – TAP INTO YOUR PEERS’ KNOWLEDGE!*

Tuesday, September 17, 2019 Day 2: Implementation			
Time	Activity	Details	Lead
8:15 – 9:00	Transport to UMAPAZ venue	Meet in the hotel lobby at 8:15	C40
09:00- 9:15	Check-in: reflections from previous day	Day 1 Recap	C40 Moderated by Diego Riaño with quick participation from the audience
9:15 - 10:15	How to prioritise climate actions?	<u>Presentation:</u> What are major actions cities can take to mitigate emissions with the largest impact? Overview of C40's Focused Acceleration Report  <u>Case study:</u> New York City Action Prioritisation (best practice example)	C40 Speaker: Andrea Fernandez
10:15 – 10:45	Coffee Break		
10:45 – 11:45	Making the case I: How to leverage co-benefits of climate action to get everyone excited about it?	<u>Presentation:</u> Co-Benefits of Inclusive Climate Action (health, inclusivity, economic)  <u>Case study:</u> Medellín Climate Action Plan – Focus in Air Quality	C40 Speaker: Lina Lopez (C40 City Advisor Medellín)
11:45 - 12:45	Making the case II: How to engage with relevant stakeholders to get a strong implementation coalition?	<u>Presentation:</u> Mapping stakeholders, engagement strategies, the importance of an inclusive approach, identifying synergies and integration opportunities and engagement with business community	ICLEI World Secretariat Speaker: Maryke van Staden  Guest speaker: Inamara Santos

# Q&A

AND SOME QUESTIONS BACK AT YOU:

- Which of the CAP Pilot lessons learned was the most surprising for you? *[write your answer and give to Ibtj]*
- How many of you have been involved with developing any climate action plan in the past? Mitigation only plan? Adaptation only? Integrated? Not yet but would like to get involved in the future?
- Which main part of the climate planning process do you think takes usually the longest time? Can be easily outsourced?

## CAP Pilot lessons learned:

- One size does not fit all



- Focus on implementation
- Power of the network
- Dream big!

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# SAO PAULO CASE STUDY



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# Q&A



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Resource  
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# Group exercise: Paris Agreement compatible planning in your city

In groups at your table, discuss:

- (a) Which of the planning steps is likely to be the easiest and which one the most difficult for your city/cities in your state? Why?
- (b) What lessons learned from C40 Pilot or Sao Paulo case could you apply? How?
- (c) Who in your city should lead/deliver this integrated planning process, ensuring all relevant experts / departments are closely involved?  
Would any new coordination structures need to be set-up within the city to have a strong cross-sectoral team?

