

ROADMAP 360



9th ECTP Conference

The EU Construction Industry at the heart of the Green and Digital Transitions

ROADMAP TOWARDS CLIMATE NEUTRALITY OF MADRID CITY



I. Vision and commitment



Green Deal (2030 Agenda on Energy and Climate)
Recovery and Resilience Funds
UE mission on climate neutral and Smart cities by 2030

Climate Change and Energy Transition Law

Acuerdos de la Villa-City agreements 2020 (nº 274)
Climate emergency declaration 2019
Environmental strategies Madrid 360 and Plan A
COP 25
Climate leadership network C40
Covenant of Mayors for Climate & Energy
Deep Demo EIT Climate-KIC

**TO SET A ROADMAP TOWARDS
CLIMATE NEUTRALITY FOR
MADRID CITY IS NEEDED**



I. Vision and commitment

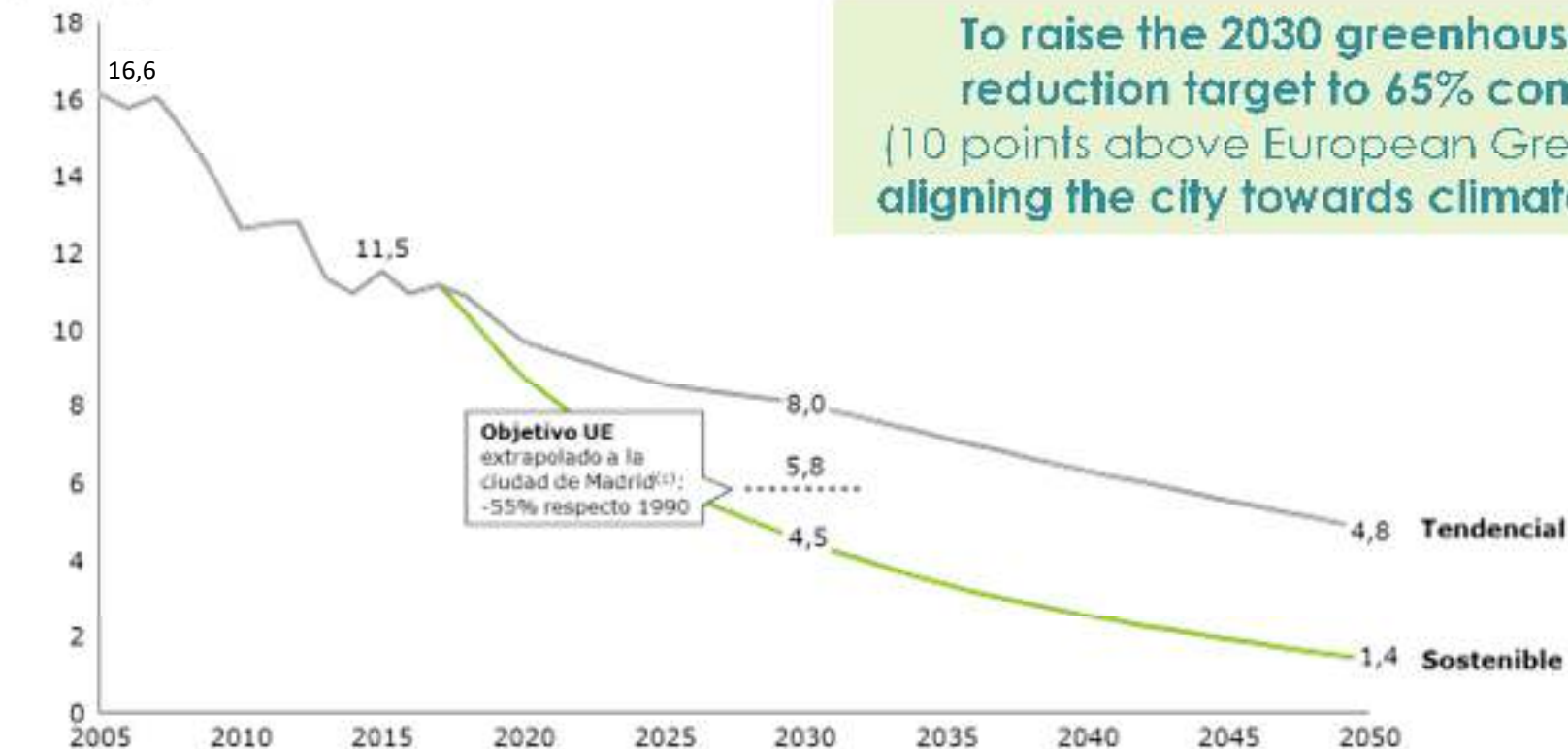


C40
European Mayoral Convening
1st March 2021

Roadmap towards climate neutrality 2050 of Madrid City

II. Towards carbon neutrality

Emisiones por escenario 2005-2050
(Mt CO₂eq)

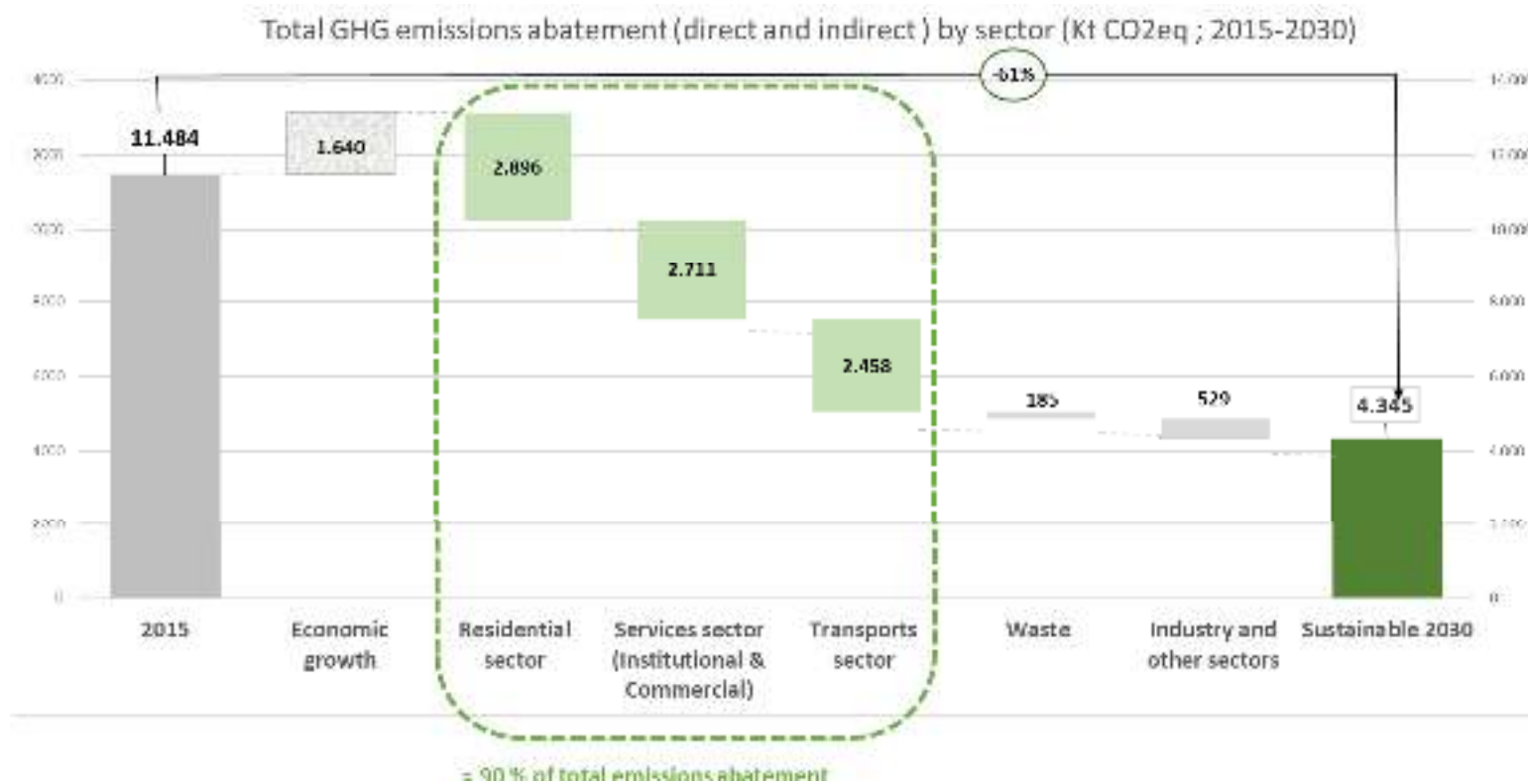


To raise the 2030 greenhouse gas emission reduction target to 65% compared to 1990 (10 points above European Green Deal ambition) aligning the city towards climate neutrality in 2050

(1) La UE establece un objetivo de reducción de emisiones: a nivel europeo del 55% del nivel de 1990 - aplicando dicho criterio a la ciudad de Madrid, el objetivo de emisiones a 2030 debería ser menor a 5,8 Mt CO₂eq (emisiones totales ciudad de Madrid en 1990: 12,95 Mt CO₂eq).
Fuente: Ayuntamiento de Madrid, PHDC.

III. Levers and actions to achieve the goal

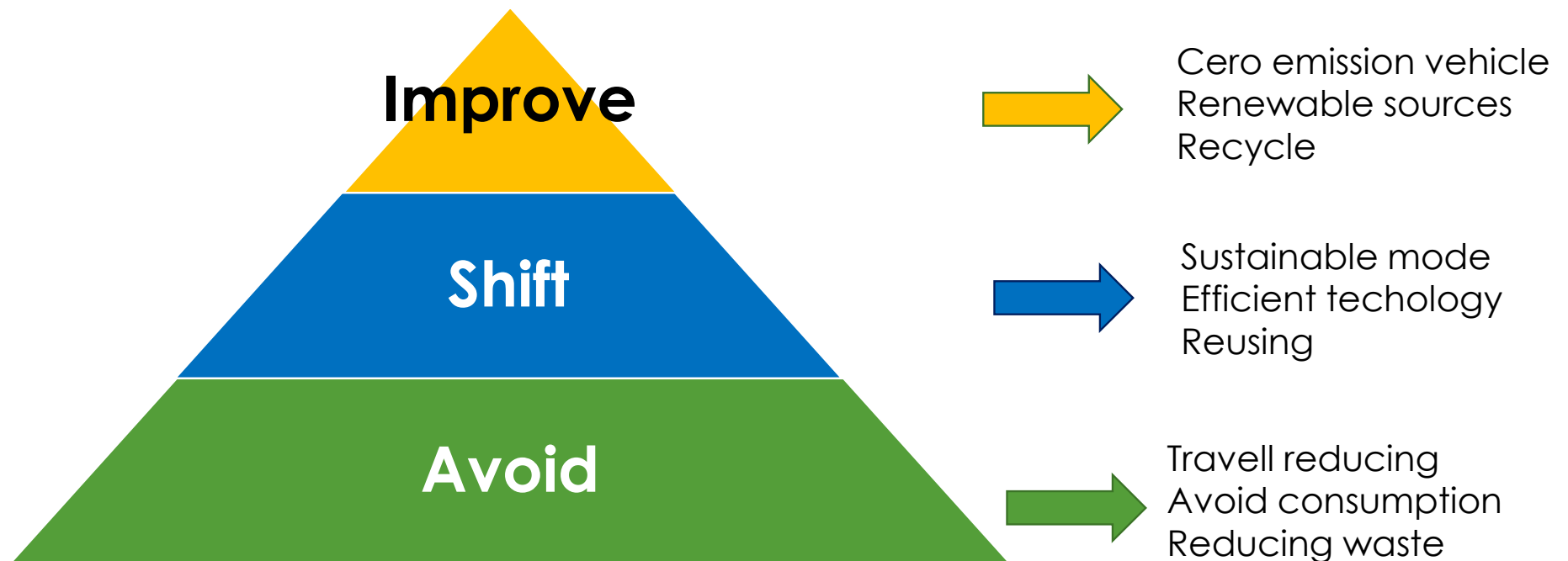
THE ROADMAP IDENTIFIES THE TRANSFORMING MEASURES WITHIN MUNICIPAL POLICIES THAT MUST BE PRIORIZED AND ACCELERATED



The highest decarbonising potential rests on Residential and Services sectors (commercial, institutional), followed by transport

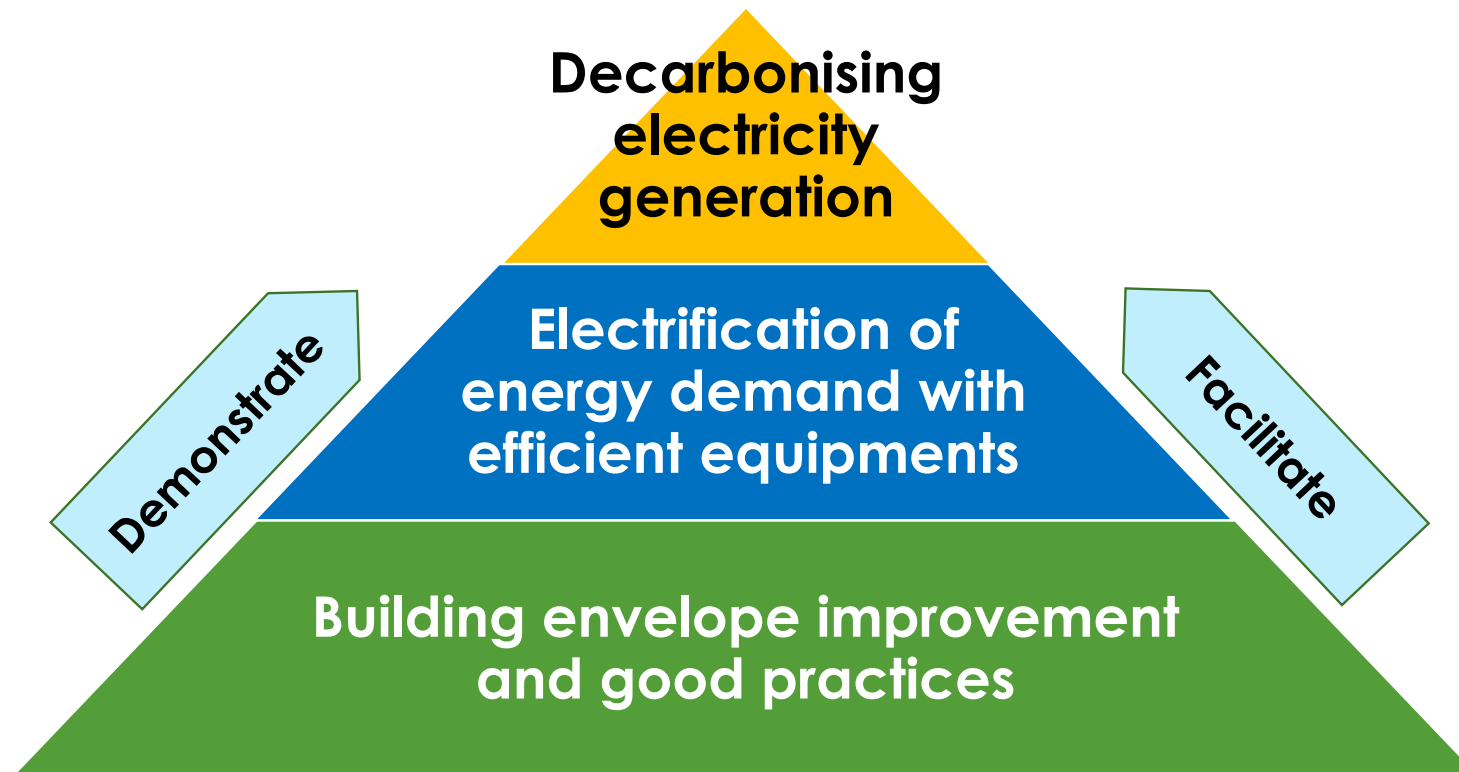
IV. Hierarchy of intervention towards a new urban model

THE ROADMAP ESTABLISHES A **HIERARCHY OF INTERVENTION** TOWARDS A NEW URBAN MODEL AND THE DEVELOPMENT OF EMBLEMATIC POLICIES, REGARDLESS OF THE SHORT-TERM REDUCTION POTENTIAL OF THE **TRANSFORMATION LEVRS**



IV. Residential and service sector

Electric energy generation based on renewables and improvement on equipment technology are key factors at short term



V. Wide scope to cover GHG emissions from products and processes

EU CINCO

EUropean CIties for climate-Neutral COnstruction

Bio-based and circular buildings in DD Madrid and DD Milan



tomorrowcities.
partners



Climate-KIC
Climate-KIC is supported by the
EU, a body of the European Union

To enable cities to become market shapers for circular, bio-based and embodied carbon neutral buildings using demand aggregation, policy tools, value chain restructuring and project finance innovation.



Testbed Madrid Nuevo Norte

PARTNERS

As the energy system decarbonises, the relative importance of embodied carbon and construction works will increase.

Madrid Council Climate actions
I. Vision and commitment

Madrid + Natural

Nature-based Climate Change adaptation

THE ROADMAP
PROMOTES ACTIONS
LEADING TO A SAFE,
CLEAN AND HEALTHY
CITY



ROADMAP 360



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