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METROPOLITAN AND LOCAL GREEN STRATEGY

BOSQUE METROPOLITANO

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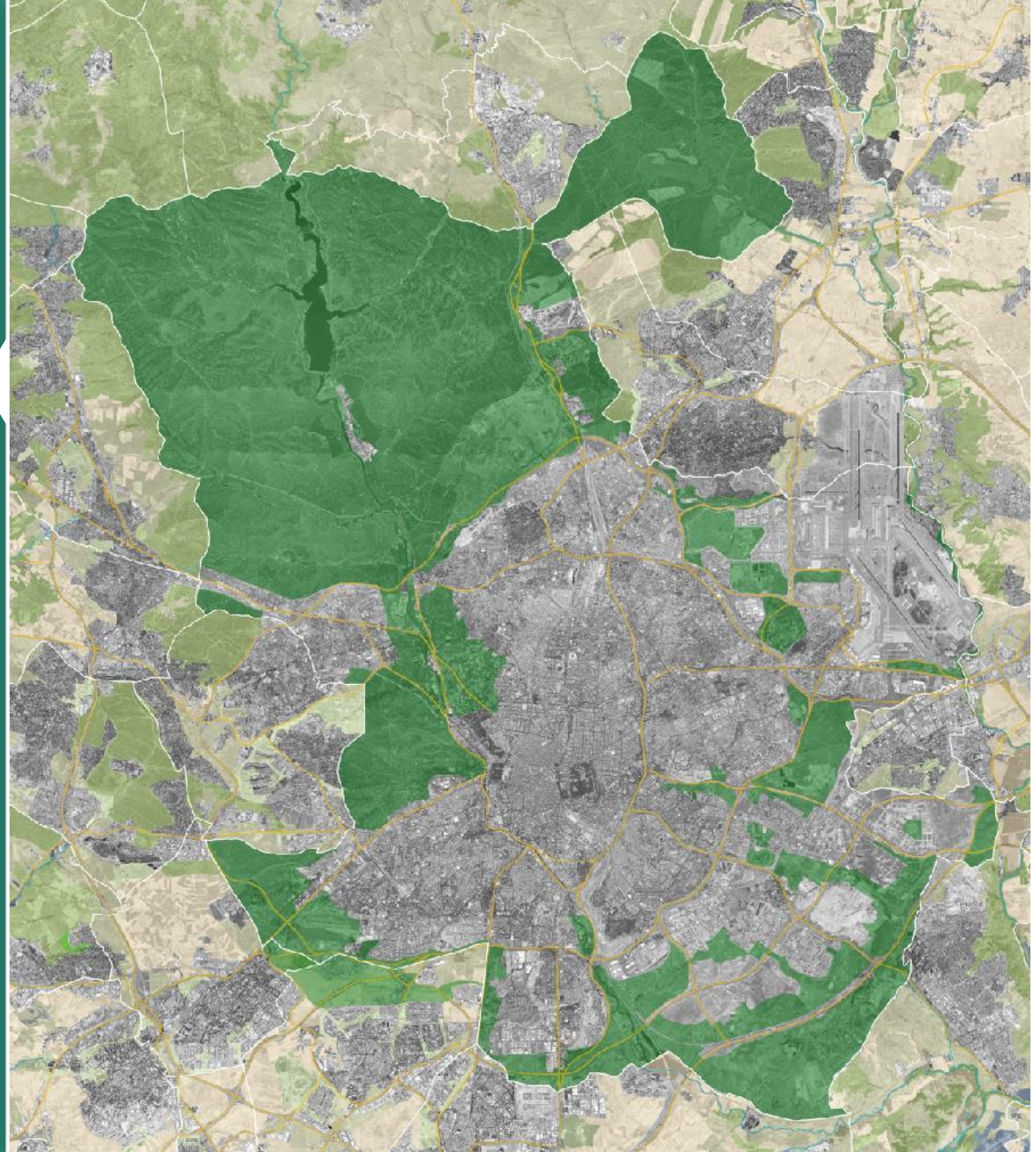
Data



dirección general de planificación estratégica

Madrid:
22,83 m² green area (ga)/ inhab.

WHO recommendation:
10 - 15 m² ga / inhab.

1 Vitoria	26,76 m² ga / inhab.
2 Pamplona	26,00 m² ga / inhab.
3 Logroño	24,00 m² ga / inhab.
4 Sevilla	23,00 m² ga / inhab.
5 Madrid	**22,83** m² ga / inhab.

National ranking of green areas per inhabitant
m² ga / inhab.

A green infrastructure achieving an interconnected system will provide more environmental benefits

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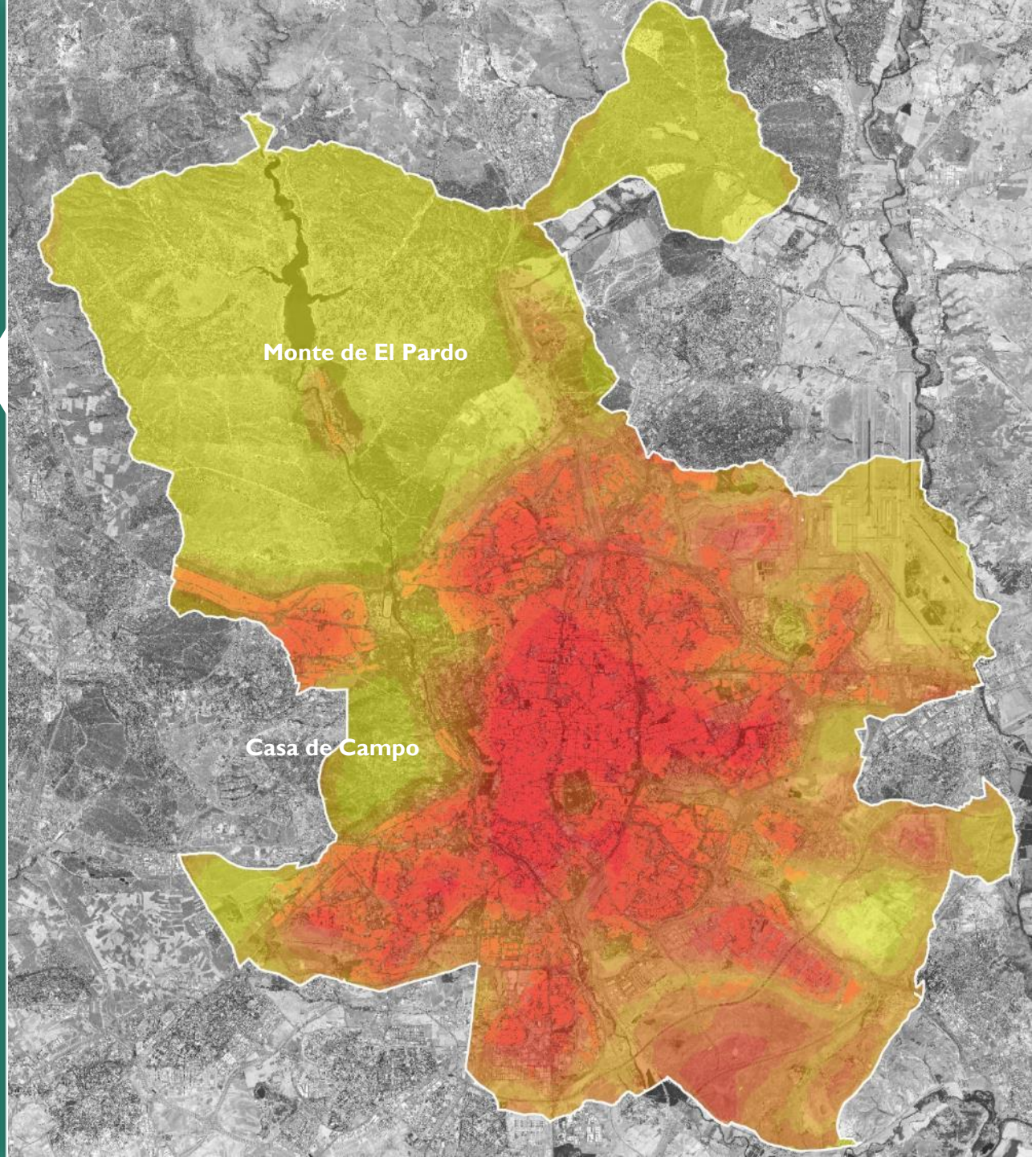
Urban heat island



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The average temperature in Madrid has increased 2ºC in 30 years.

Maximum Temperature in summer higher than 38ºC

Longer and more frequents heat waves

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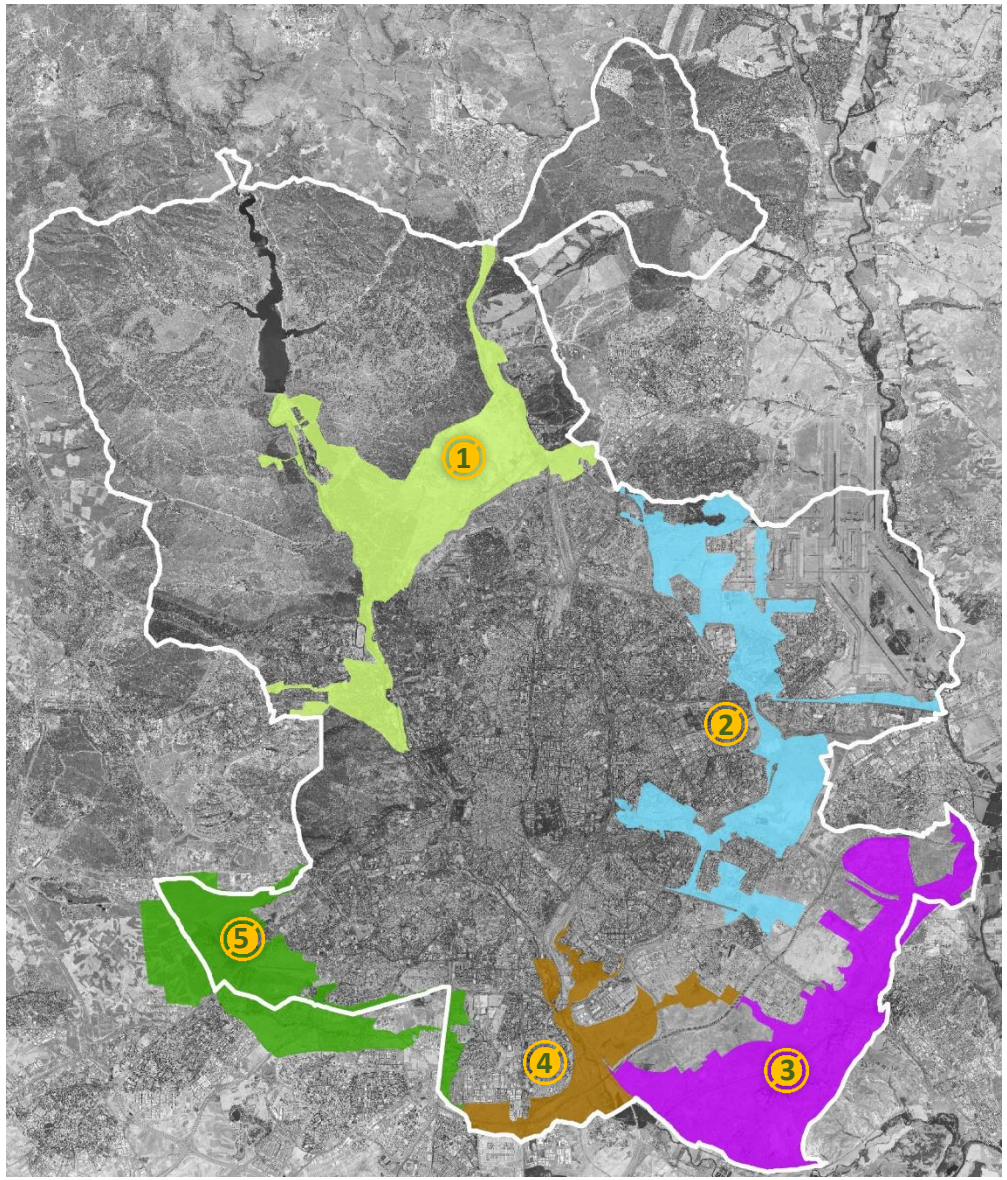
will be a 75 km peripherical green belt embracing the city that will entail more than 2.300 hectares (ha) of new urban forests, connections with existing areas and the planting of more than 2 Million trees.

The main objectives are the mitigation of urban heat island to ensure that our city is more resilient against climate change, to improve biodiversity, air quality as well as social cohesion and quality of life

More than 2 million
new trees
2.364 ha of new
forest
300 ha
vacant plots in neighborhoods
for agriculture
Trees and forests ensure that
our city is economically,
socially and environmentally
more sustainable and
resilient

TARGET AREAS



1. BETWEEN NATURAL FORESTS
Connections of the monte de El Pardo with the monte de Valdelatas and Casa de Campo. Continuity of the river axis of the Manzanares River

2. JOINING URBAN PARKS
Connections of the metropolitan free spaces system, Valdebebas, Fairgrounds, Wedge of O'Donnell, Vicalvarada, Valdebernardo and Cerro Almodóvar with Nueva Centralidad del Este

3. THE SOUTHEAST GREEN RING
Improvement of the free space systems of the southeast growths, from the Cerro de la Herradura to the Cantiles del Manzanares

4. THE SOUTH FLUVIAL PARKS
Connections of the river systems of the Manzanares river and La Gavia stream with the integration of large peripheral pieces of free spaces in Entrevías, La Atalayuela, Mercamadrid and Butarque

5. IN THE METROPOLITAN RING
Integration of the southwest metropolitan system (Getafe, Leganés, Alcorcón) with the Casa de Campo. Improvement of Meaques stream river environments

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Regional Natural Parks

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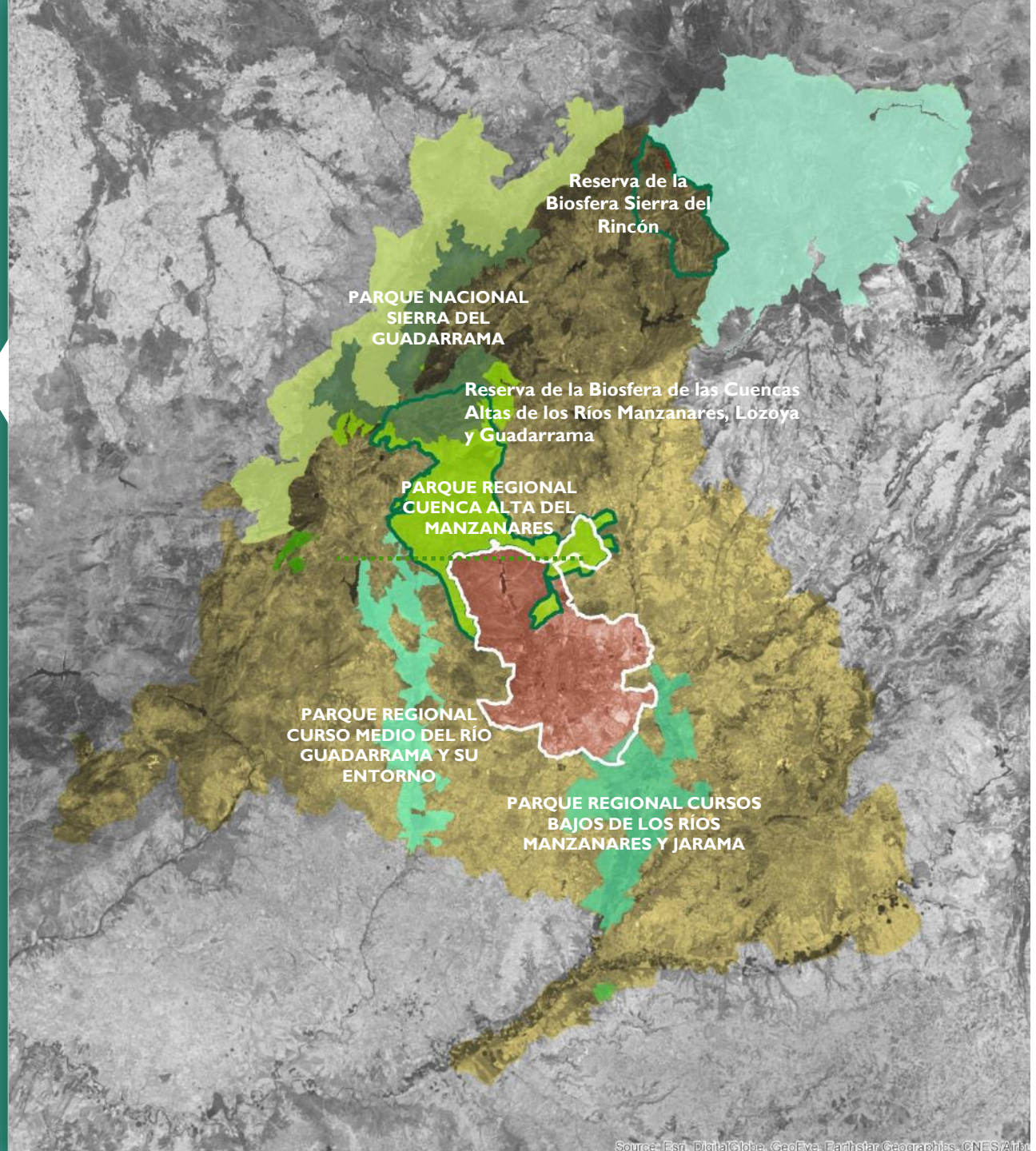

Relying on the green areas of the municipality, a corridor will be formed that connects with the protected natural areas of the Community of Madrid

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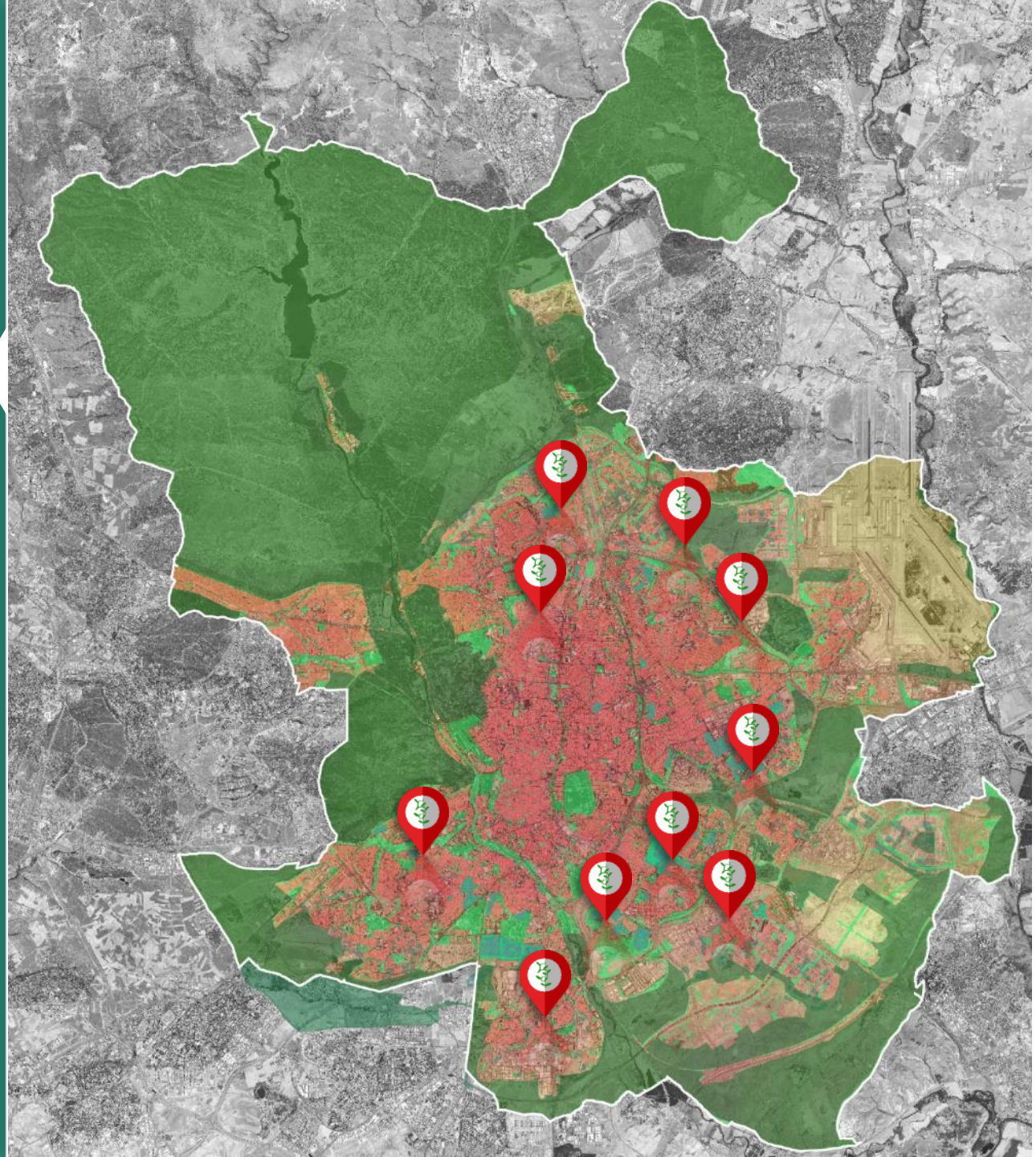
A multi-scale Project



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A multi-scale Project:

At the metropolitan level, a large forest, locally, a green strategy by mean of urban agriculture.

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Action plan

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LAND CATEGORY	ACTIONS	MAIN PROJECTS
Consolidated Urban Land	• Obtain property of some areas • Intensify vegetation	• Manzanares Sur Park • M-40 Ring road Reforestation
Developing Land	• Anticipate occupation and reforestation	• Southeast1.000 ha. Forest
Land for future Development (SUNS)	• Anticipate occupation • Authorizations of use	• Dehesa Campamento Park, Arroyos Meaques Valchico • Rejas Park
Rural and Protected Land(SNUC y SNUP)	• "Periurban Park" • Plan for Protection and Improvement • Land purchase	• New Metropolitan Forest Alcorcón – Leganés – Madrid • Valverde Periurban Park • Sureste Periurban Park

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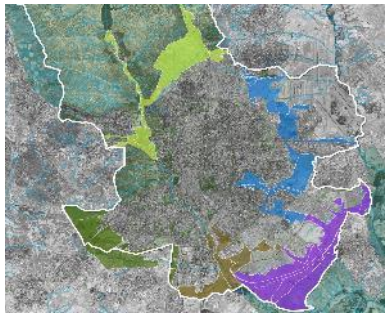
International Contest

INTERNATIONAL CONTEST

5
Targeted areas

35
Sites to act



Environmental Equipment

Different typologies of spaces

Protected Regional Park

Agroecological Park

Metropolitan Park

Renatured Park

Green corridor

Vertebrate elements that guarantee environmental connectivity

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An international call has been issued to carry out innovative environmental projects, with vegetation adapted to hard conditions, to fight against the urban heat island, with low water requirements, new planting methodologies, water management and capable of generating microclimates

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Targeted areas

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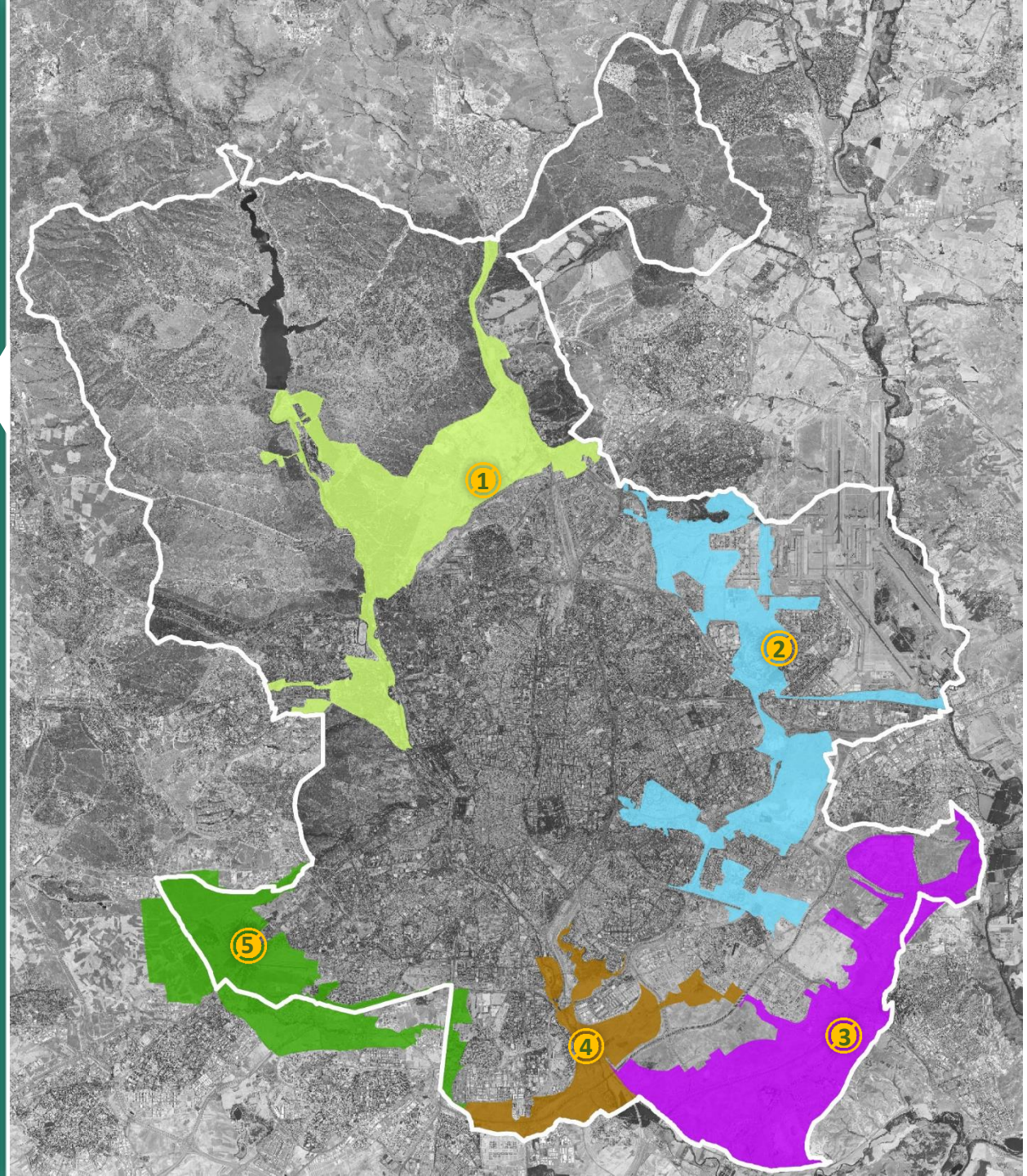

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Reference images

Buenos Aires. Reference image

Santiago de Chile. Reference image

Ensure safe transit throughout the day

Connectors over or under the infrastructure as needed

Possibility of incorporating equipment and facilities

New opportunities for sport, leisure and environmental awareness

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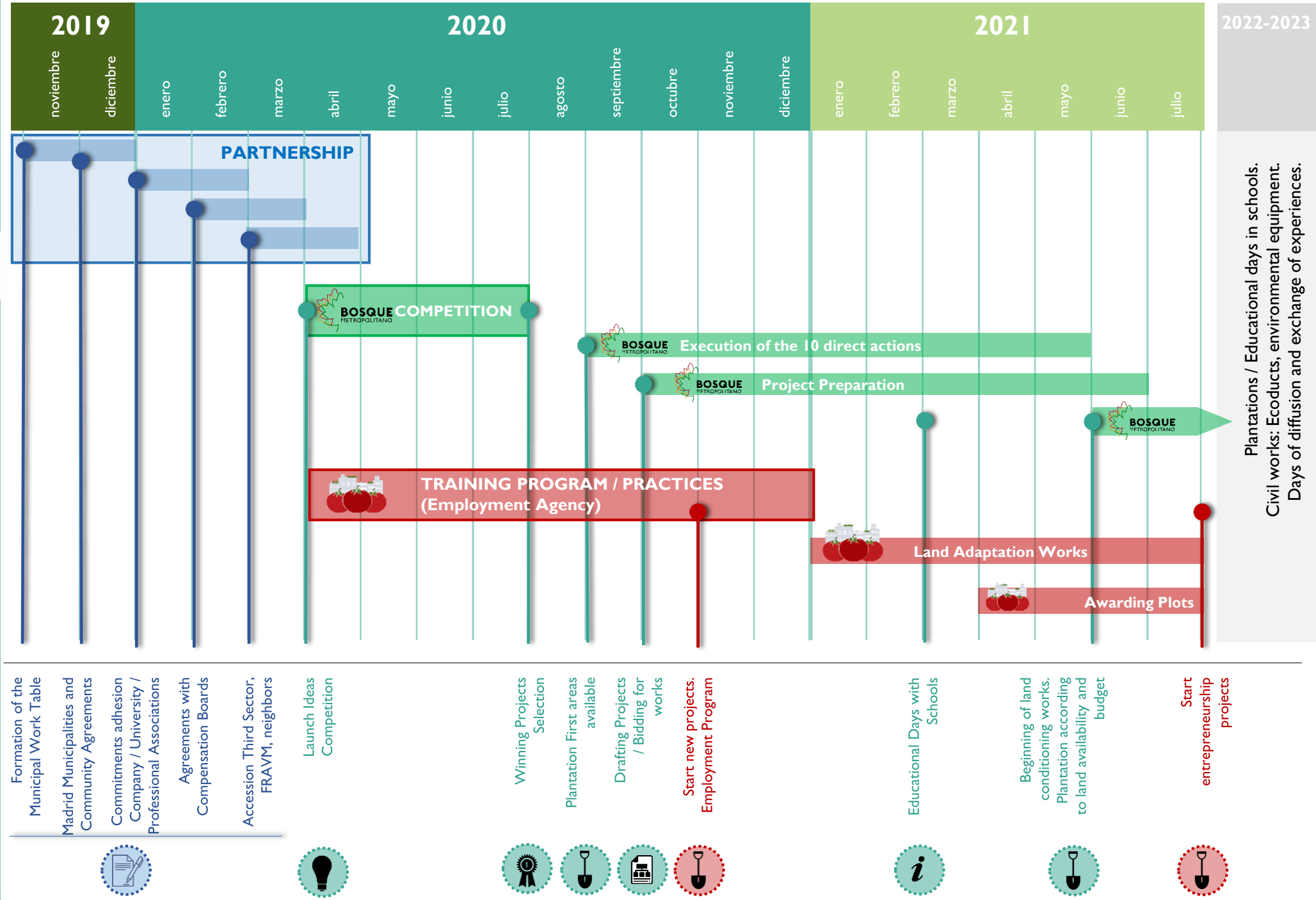
Timetable



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A collective challenge, a partertnership response

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Professional associations

Basis project
Knowledge

Land owners

Advance disposal of land

Citizenship FRAVM

Participation
Entrepreneurship
Innovation

Partnerships

Basis project
Advice from experts

University

Basis project
Knowledge

companies

Responsability RSC
Compensation emissions
2030 Commitment

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Vice Mayor

Project Coordination
Communication
European financing

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Urban Development Area

RESPONSIBLE FOR EXECUTION
Construction management
Execution Project
Ideas Contests

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Environmental Area

Green Roofs Pilot
Pilot Itineraries (CLEVER)
Municipal Nursery Support
Compensation emissions

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Economy, Innovation and Employment Area

Partnership Search
Private financing
Sponsorship

Imagen de RAWPIXEL en PIXABAY

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Current steps

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- IMPLEMENTING THE RESULTS OF THE INTERNATINAL CALL FOR DESIGN AND ACTIVITIES
- CONNECTION WITH MAIN POLICIES AND PROJECTS OF THE MUNICIPALITY TO REACH DESCARBONIZATION OBJECTIVE
- AGREEMENTS WITH PRIVATE LANDOWNERS
- SPONSORSHIP OF PRIVATE COMPANIES – REPLANTA MADRID
- CITIZEN PARTICIPATION
- SETTING UP A DEDICATED COORDINATED STRUCTURE