

Buenavista – Málaga

Sustainable Urban Solutions Hub



Ayuntamiento
de Málaga

ARUP

Valley of Arroyo Merino

The Valley of Arroyo Merino represents an opportunity to exemplify an urban model of sustainable growth in an area of city extension that will allow the implementation of innovative activities, businesses and new residences, sustainably connected to the rest of the city and its rich environmental surroundings.



Valley of Arroyo Merino

Shaping an environmental corridor

Torre Asperones

Cerro Coronado

Cerro de la Tortuga

San Cristóbal

Parque fluvial del Guadalmedina

Gibralfaro

Arroyo Merino

Arroyo de las Cañas

Vereda de Ardales a Málaga

Laguna de los Prados

Vega del Guadalhorce

Senda Litoral

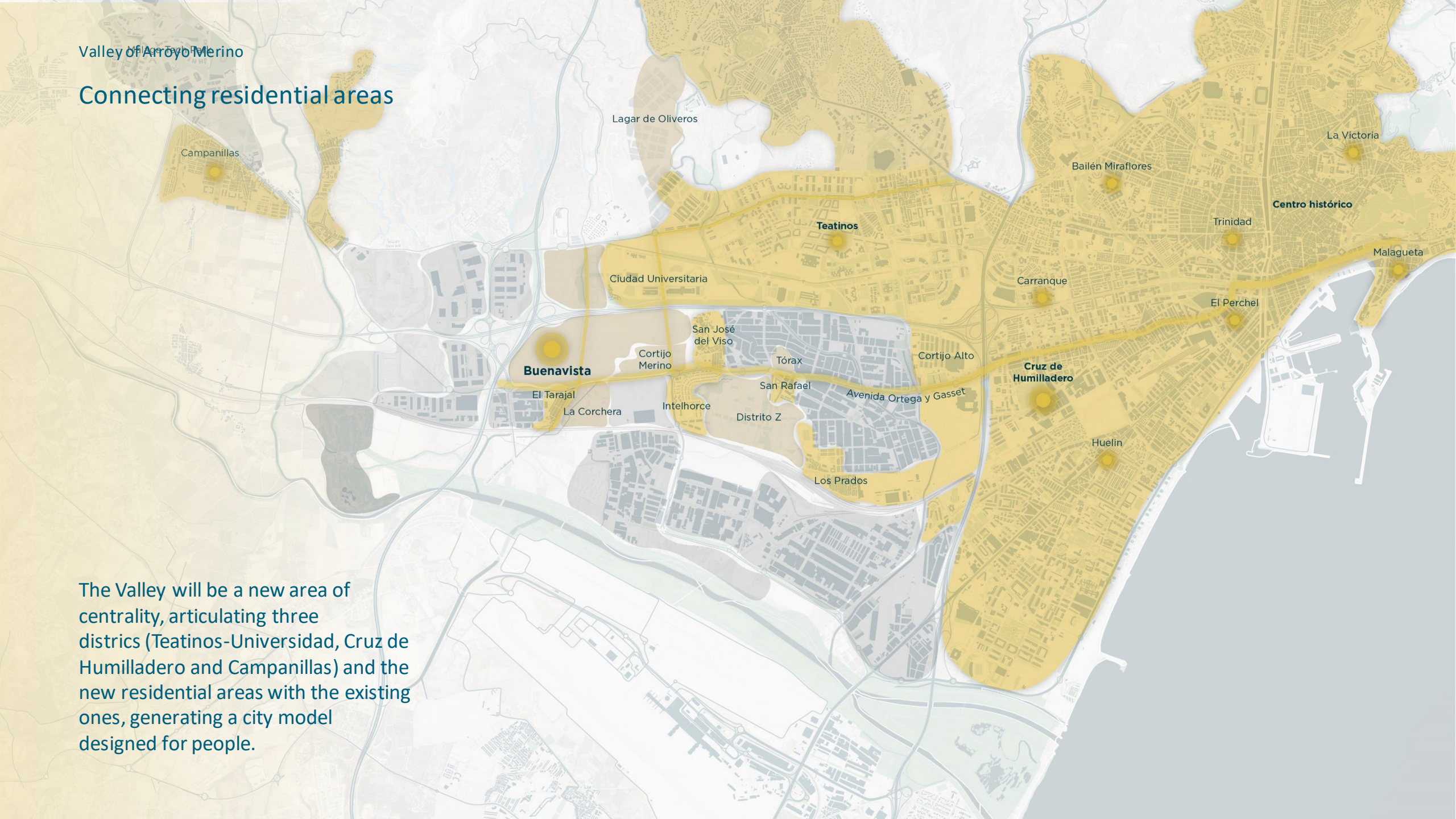
Gran Senda de Málaga

Ecological restoration of the Merino stream from the mountains of Malaga to the Guadalhorce meadow, linking with the Coastal Path and the Great Path of Málaga

Paraje Natural Desembocadura del Guadalhorce

Valley of Arroyo Merino

Connecting residential areas



The Valley will be a new area of centrality, articulating three districts (Teatinos-Universidad, Cruz de Humilladero and Campanillas) and the new residential areas with the existing ones, generating a city model designed for people.

Valley of Arroyo Merino
PTA
eCity Málaga
New innovation center

Cortijo Jurado

Buenavista

Corchera

CMT

CISA (UMA)

The Green Ray

UMA

UMA International Hub

Biblioteca General

FYCMA

Málaga Data Center

Hospital Regional

Sala Hipócrates COMMálaga

Biblioteca de Málaga

FabLab

Universidad Alfonso X El Sabio

Estadio La Rosaleda

Museo Carmen Thyssen

Univ. Internacional
Andalucía

INIECO

CAC Málaga

Inst. Español de Oceanografía

Sala Hipócrates COMMálaga

Biblioteca de Málaga

FabLab

Polo de Contenidos digitales

La Farola

Museo Picasso

Teatro Cervantes

Inst. Andaluz de Neurociencia

Centro Cultural
La Malagueta

Univ. Málaga

IDEA

Pompidou Málaga

A new axis of advanced economic activity
connected with the universities and the
new industrial developments,
responding to a new urban economy.

Sustainable Urban Solutions Business Park



Ecodistrict
of Buenavista
136.000 sqm GFA



Sustainable Urban Solutions Business
Park
180.000 sqm GFA



Extension of Malaga's
Feight center (CTM)
230.000 sqm land



Central Park
174.000 sqm GFA

Valley of Arroyo Merino

New urban development area



40 ha

Environmental corridor



>13.000

Housing units

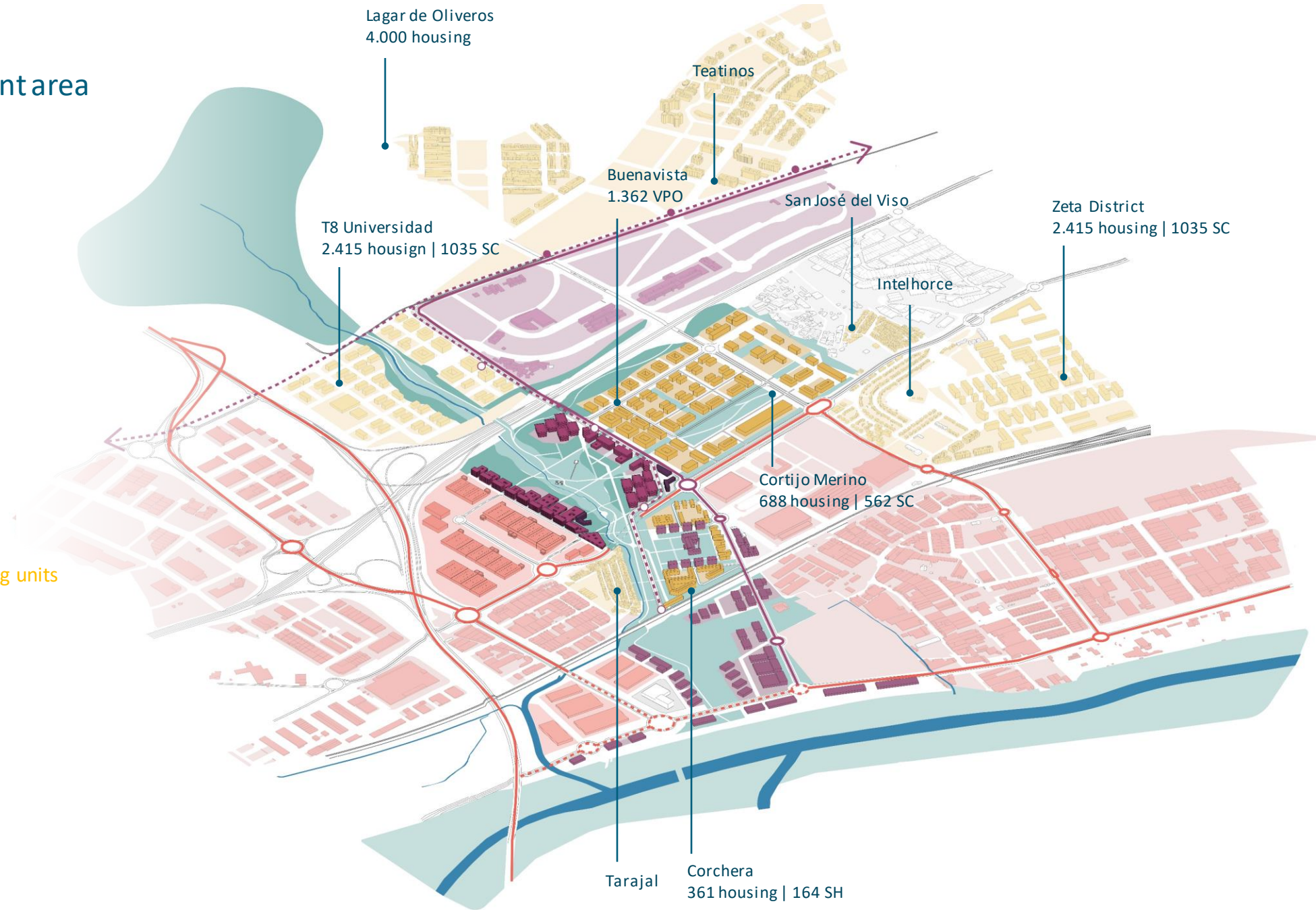
3.123

Social housing units



>500.0000 sqm GFA

Economic activity throughout the Valley of Arroyo Merino



Valley of Arroyo Merino

Mobility based on public transport

2 km

Line 1 extension of
the Malaga Metro

4

New stops

New interchange node with
Corchera, with a suburban railway
halt and park and ride lot

Bus system in an exclusive bus lane
connected to the city center and
the university.

El Valley of Arroyo Merino will play a key role in the expansion and external projection of Malaga, its companies and activities, as a point of sustainable urban solutions.

Extension of Louis Pasteur boulevard

Buenavista

New centrality of the west

Imagine a space for the development of advanced economic activities in which companies are located within a park. A space integrated with life of communities that provides a constant urban activity.

80 ha

Total land area of Buenavista

223.000 sqm

Green areas

37.000 sqm

Social facilities

461.000 sqm

Total GFA



Sistema natural



Sistema urbano

Buenavista

Ecological restoration for the reintroduction of environmental values of the meadow and the mountains of Malaga

3 km
New ecological corridor

Regeneration of Merino stream



Sustainable Urban Solutions Park

Companies



Construction



Materials



Infrastructure



Real state



Finance



Smart-Cities



Consultancy and design



Entrepreneurship

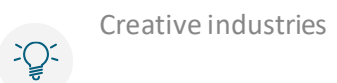
Entities



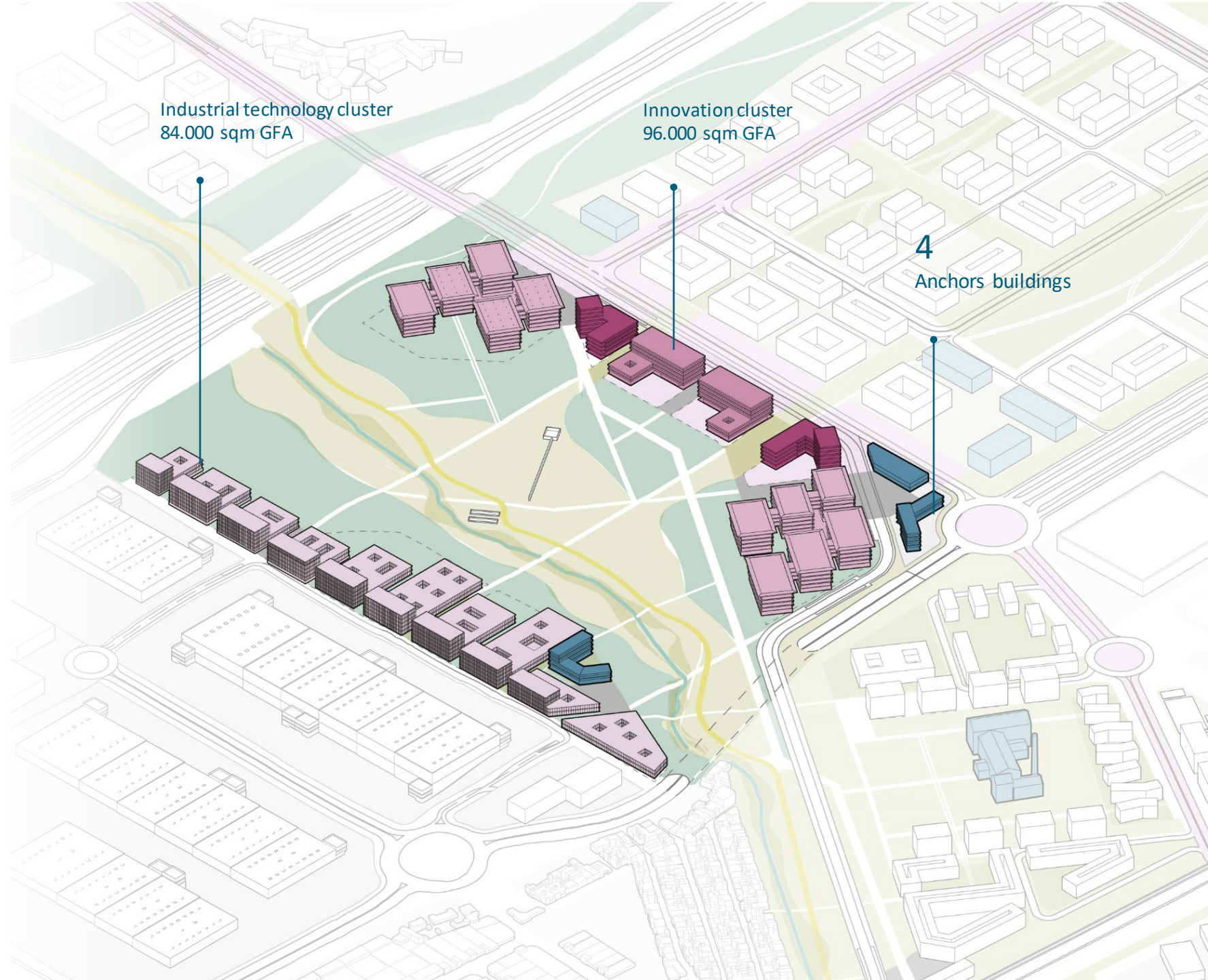
International institutions



Innovation: Start-up accelerator



Creative industries



Sustainable Urban Solutions Park

Innovation cluster

The Valley will be a urban laboratory that will allow 1:1 scale research of innovative projects



greencities

Innovation square

Sustainable Urban Solutions Park

Industrial technology cluster

A space for exploring technological applications and advanced industrial solutions for the sustainable city.

Industrial technology cluster



Sustainability as a principle

Environmental sustainability

A comprehensive ecological regeneration strategy, with an environmentally sensitive urban development that adapts to climate change and mitigates it.



zero CO₂

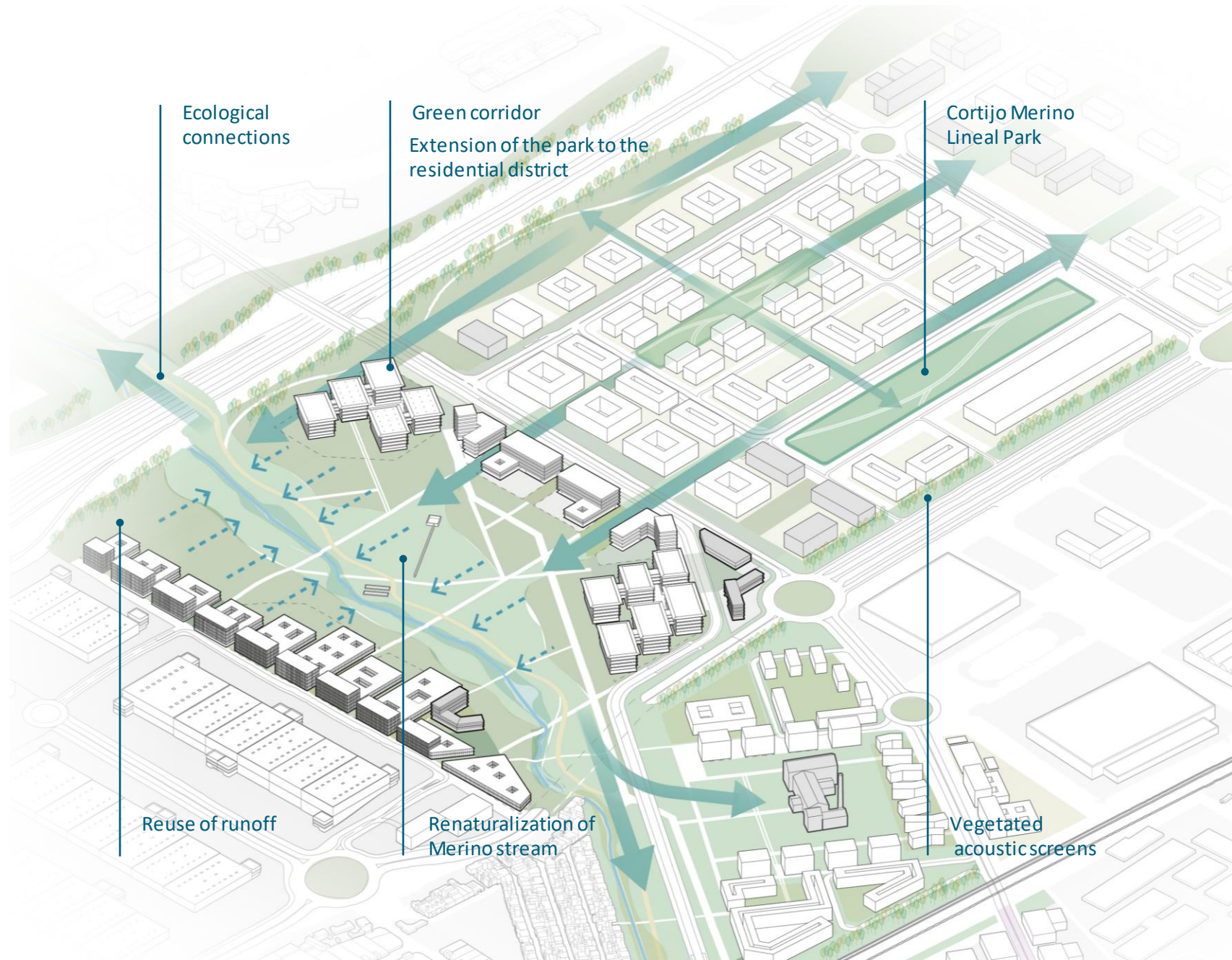
Carbon neutral net balance
through offsetting mechanisms

>80%

Demand covered by on-site
photovoltaic generation

>2° reduction

Of the heat island



Sustainability as a principle

Social sustainability

A new development that integrates surrounding communities and promotes health and wellbeing by creating an inclusive and accessible environment



6,6 km

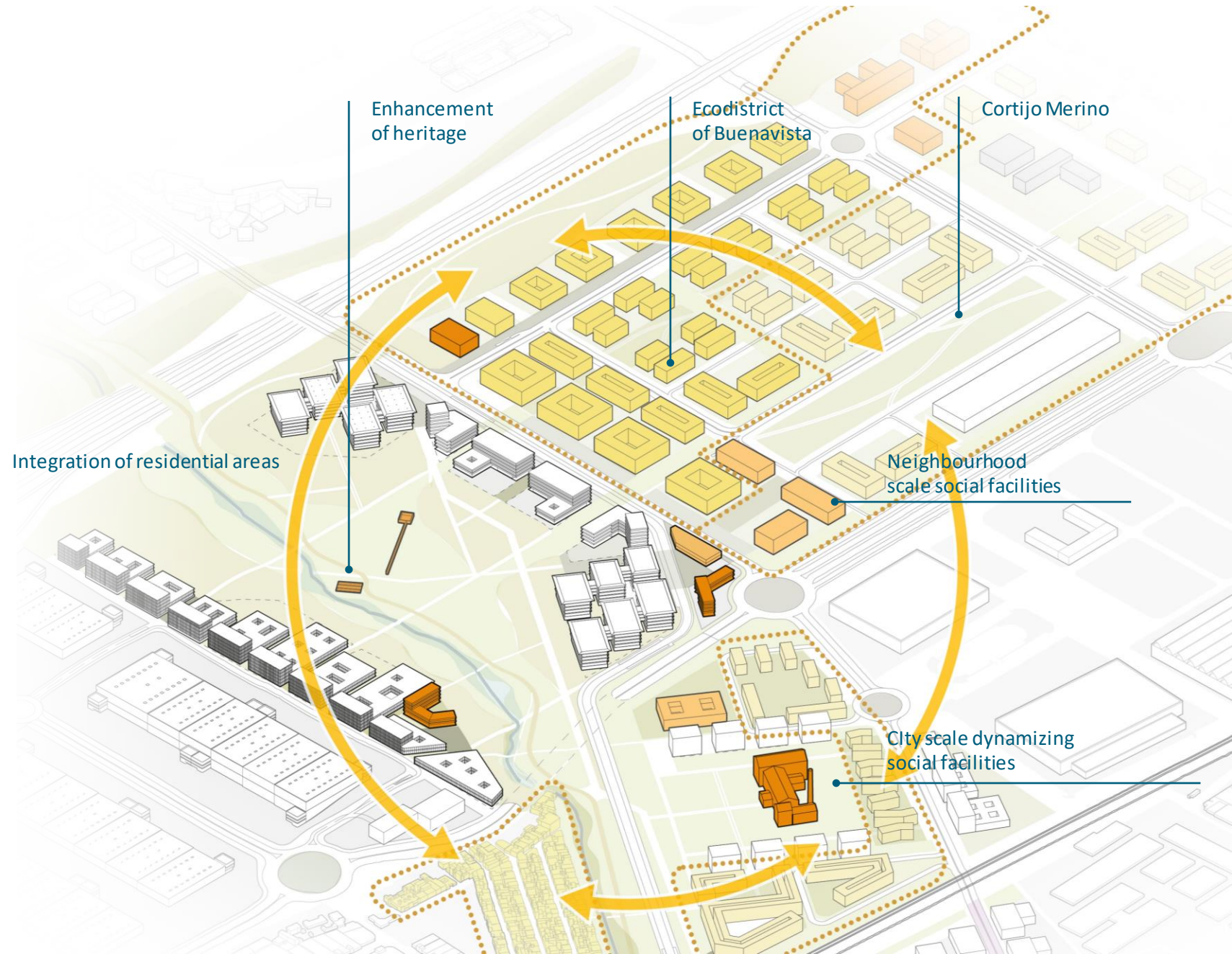
New bikeways

10

Residential areas connected

1.362

Social housing units in Buenavista



Sustainability as a principle

Economic sustainability

A development that translates into a positive economic impact for the city, guaranteeing its economic viability and investment.



8.000-12.000

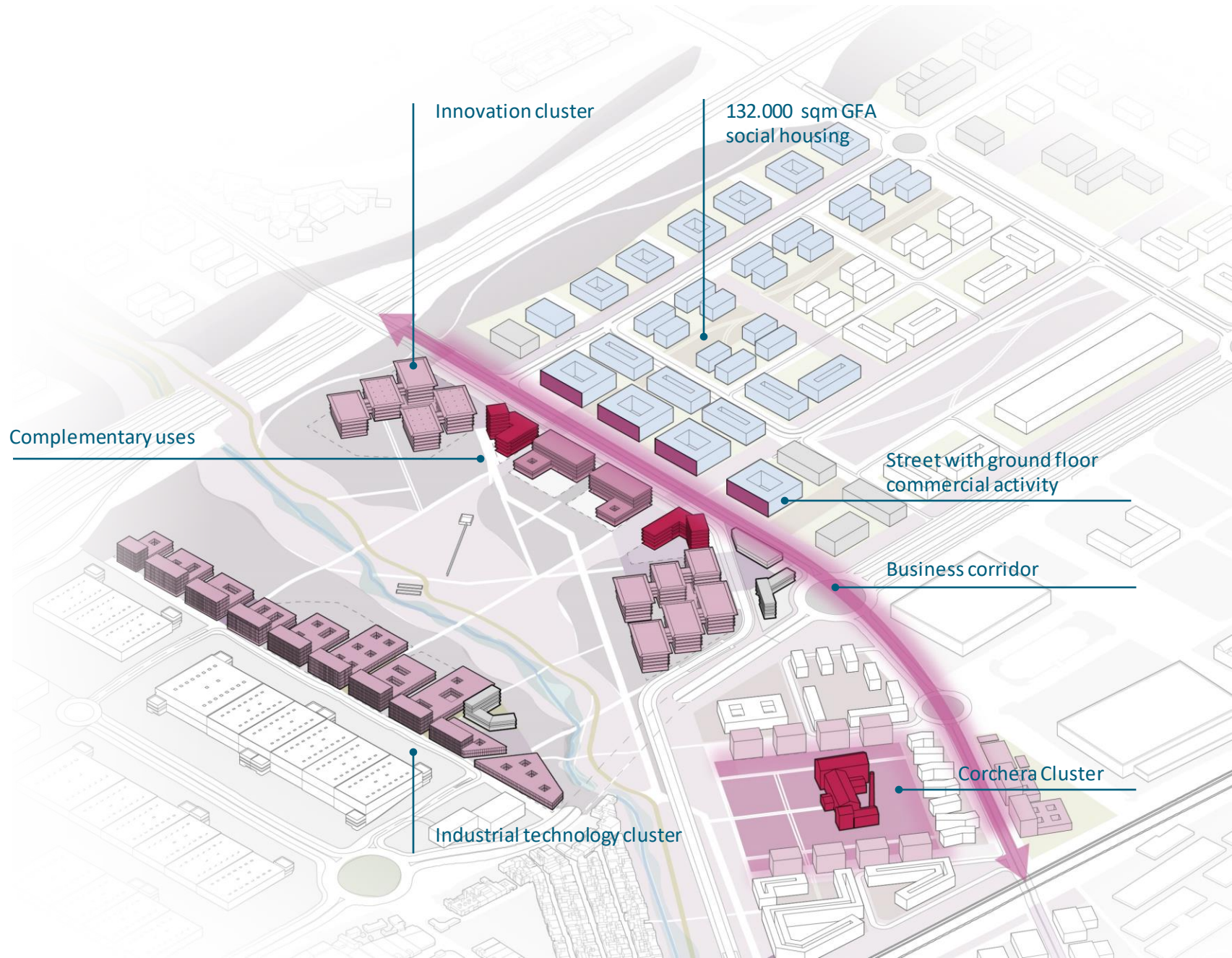
Estimated potential employment generation*.

172.000 sqm

GFA economic activity in the business park

8.000sqm

GFA Private facilities



Net Zero energy model

Districts, as well as companies that are more socially, environmentally and economically responsible will be more competitive in attracting the new urban economy.



Passive strategies
Bioclimatic design



Active strategies
<70 kWh/sqm



Renewables
19,1 GWh/year



CO₂
<500 kgCO₂/sqm



Circular
100% reusable



Water cycle
Net zero balance



Heat island
>2°C reduction



Mobility
Zero emissions