



# Bologna Airport Decarbonisation Strategy

## RoadMap to Net Zero by 2030

Bologna, NOV 27th 2023



# Decarbonizations principles and measures

## Electrification

Replacement the use of fossil fuels in heating systems with clean electricity (e.g. electric heat pump instead of fossil fuels based heating)

## Renewable energy

Implementation of on-site renewable energy sources (e.g on-site solar PV) and procurement of green electricity (e.g. RECs)

## Sustainable transport

Where possible, replacement the use of fossil fuels in trasport with clean electricity (e.g. fleet being replaced with electric) or with low-emission fuels and procurement of vehicles with lower fuel consumption

## Energy efficiency

Increase energy efficiency using less primary energy for the same uses

## Carbon absorbing

Carbon absorbing with on-site forestation measures

1

Decarbonization of main heating system (e.g terminal)

-4.535 ton CO2

2

Decarbonization of other heating systems

-558 ton CO2

3

Implementation of on-site renewable energy sources

-2.669 ton CO2

4

Procurement of green electricity (e.g. RECs)

-4.702 ton CO2

5

Replacement of fossil fuels PRM vehicles with electric

-178 ton CO2

6

Replacement of fossil fuels vehicles with electric

-121 ton CO2

7

Procurement low-emission fuels

-7 ton CO2

8

Increase energy efficiency

Saving is included in point 4

9

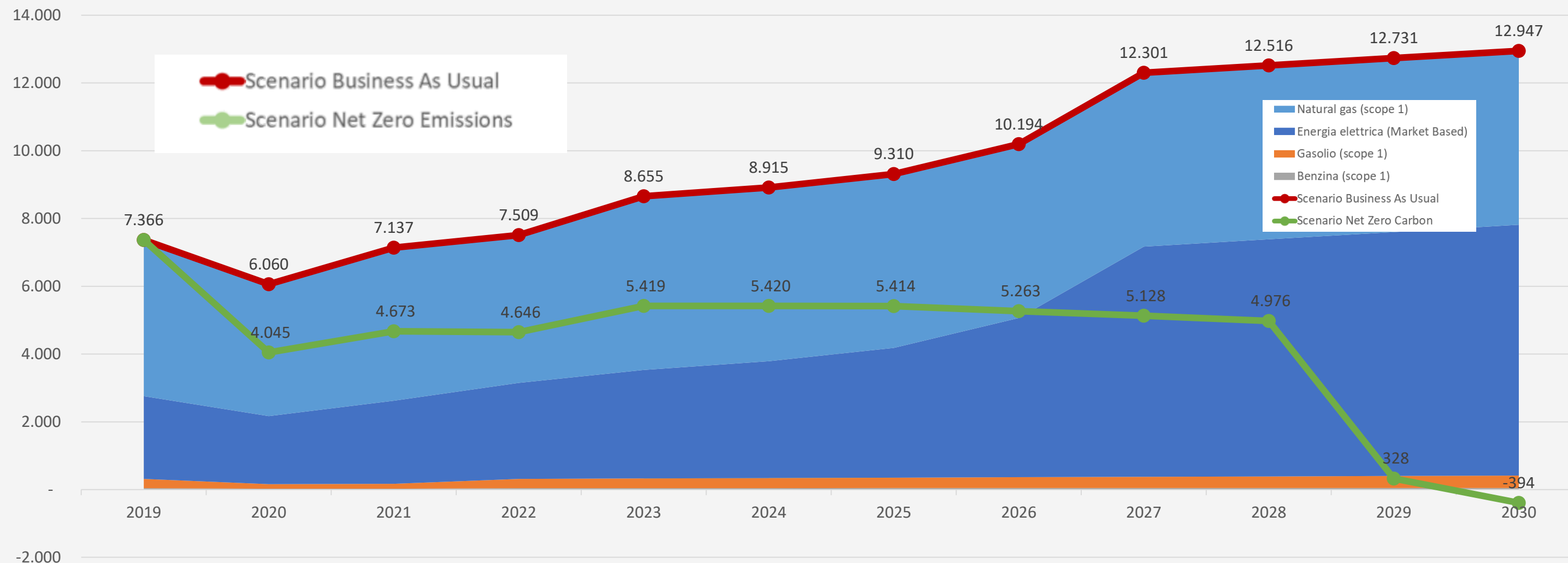
Carbon absorbing with on-site forestation measures

-500 ton CO2

# Decarbonizations trajectory

In line to **Business As Usual Scenario** scope 1 and scope 2 emissions increase from 7.366 ton CO2 to 12.947 ton CO2 **nel 2030 (+75%)**

In line to **Net Zero Carbon Scenario** scope 1 and scope 2 emissions decrease of **96% by 2030**. Including the contribution of carbon absorbing project the reduction is around 100%





**Thank you**