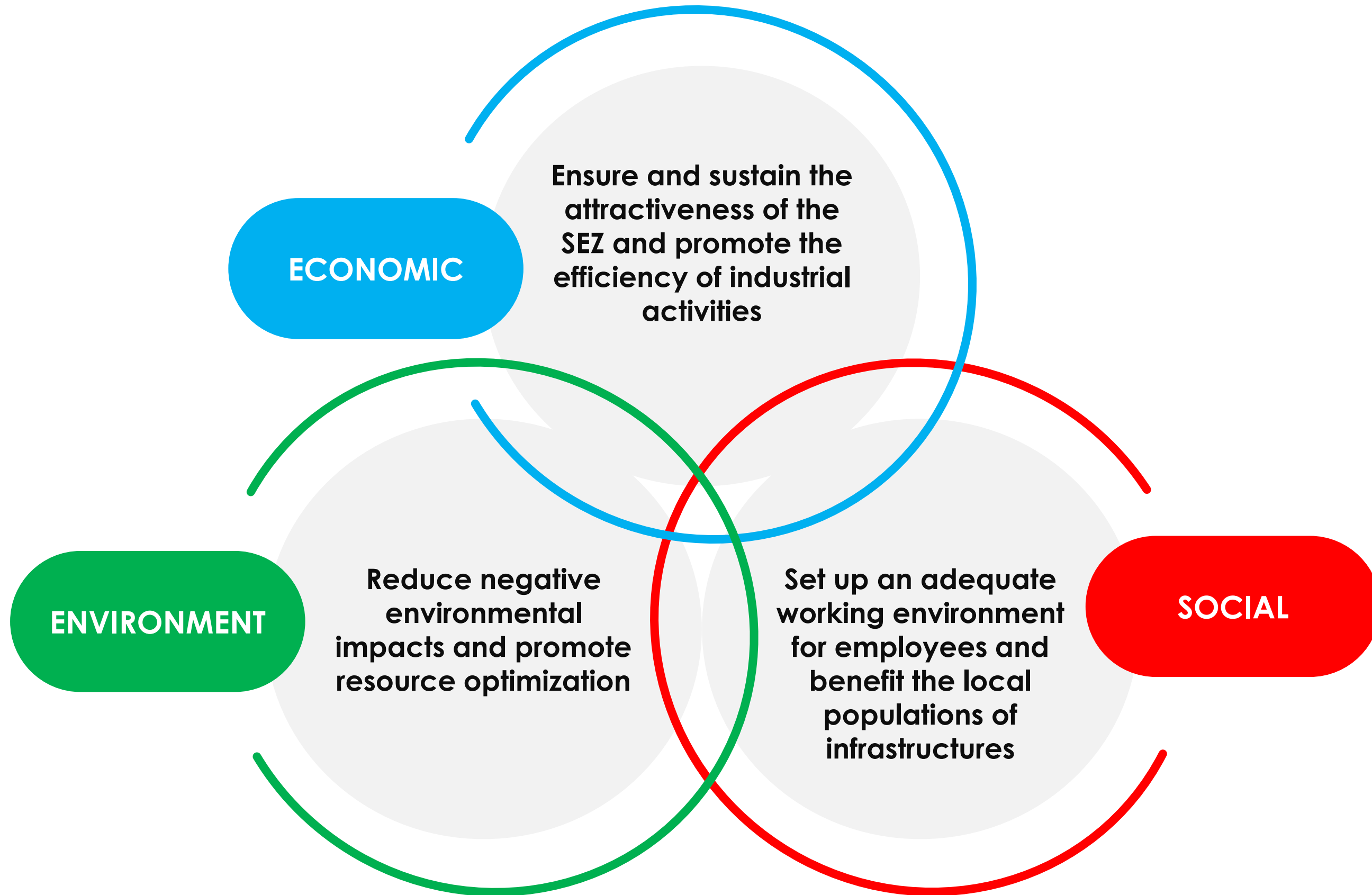


# PERFORMANT AND EFFICIENT INFRASTRUCTURE FOR SUSTAINABLE SEZs CASE STUDY NIAMEY SEZ



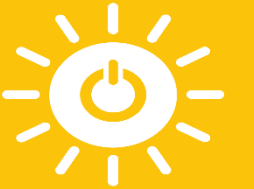
# SUSTAINABLE DEVELOPMENT



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



# SUSTAINABLE SEZ PLANNING

which potential sectors could be installed in the SEZ ?



what are the requirements of the targeted sectors and how will these needs evolve?

what is the optimal development scheme capable of ensuring efficiently the supply identified?



how to respond to demand and how to support its development ?

what is the appropriate site for the location of the future SEZ ?



what additional services should be provided to improve the attractiveness of the SEZ ?

**6** CLEAN WATER AND SANITATION

**7** AFFORDABLE AND CLEAN ENERGY

**8** DECENT WORK AND ECONOMIC GROWTH

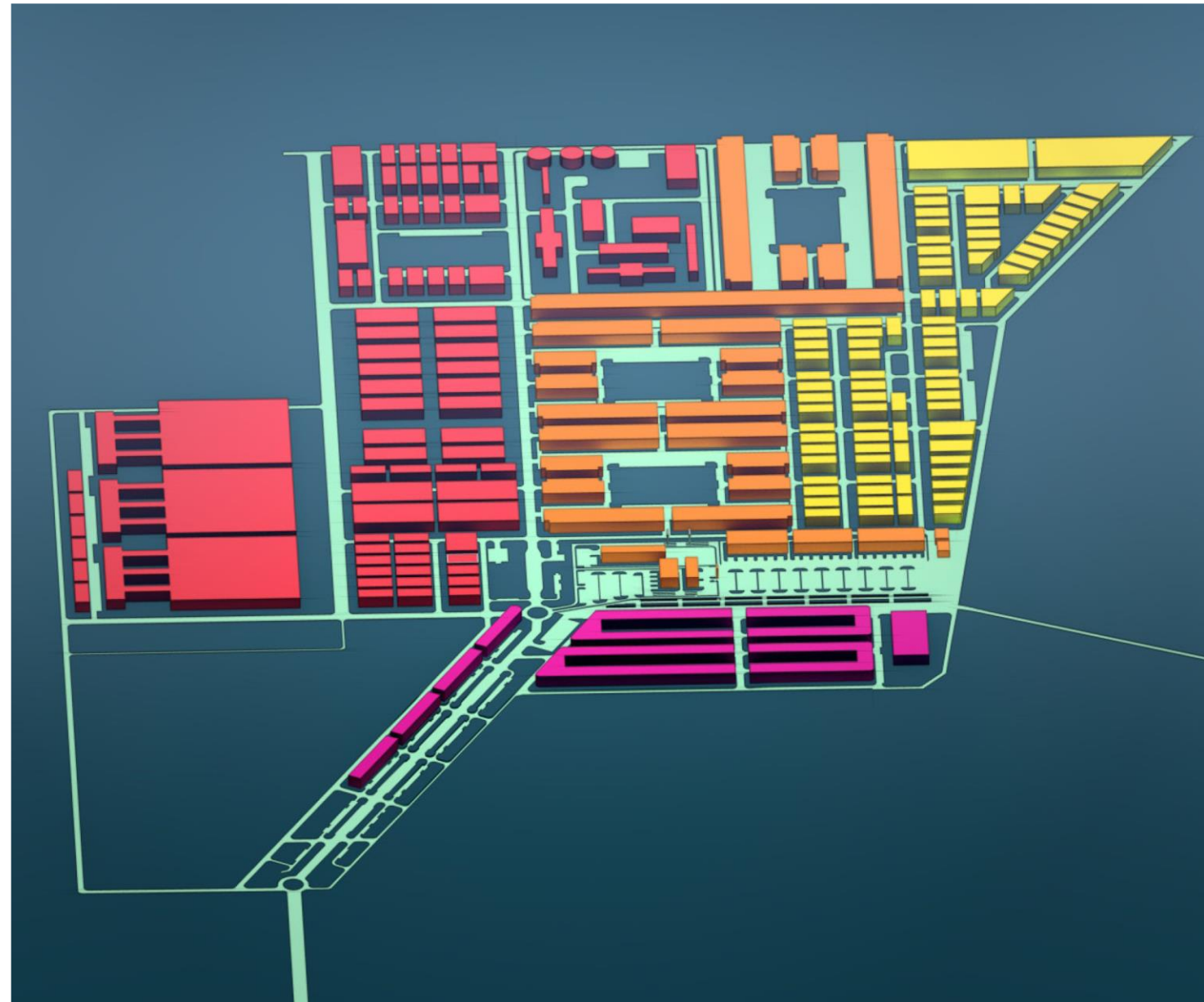
**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE

**11** SUSTAINABLE CITIES AND COMMUNITIES

**12** RESPONSIBLE CONSUMPTION AND PRODUCTION

# NIAMEY ECONOMIC ZONE, CONSIDERING SUSTAINABILITY WHEN : TARGETING SECTORS

ECONOMIC  
ENVIRONMENT  
SOCIAL



- ▶ Agro processing allowing to :
  - ▶ capitalize on the significant potential of Niger's livestock ●●
  - ▶ to exploit the agricultural potential of Niger (cereals, oilseeds, onions, etc.) ●●
  - ▶ Offer an alternative to food imports and contribute to the country's food security ●●
  - ▶ Develop synergies and Circular Economy
    - ▶ fifth quarter process ●●
    - ▶ production of livestock feed from by-products and waste of cereal and oilseed processing ●●
    - ▶ Development of Biomass energy potential ●
  - ▶ benefit from the high job creation ratio of the agro-processing sector ●
- ▶ Manufacturing Industries :
  - ▶ Complementary industries with agro-processing such as packaging products, refrigeration industry, etc. ●
  - ▶ Industry dealing with by-products (leather treatment, ...) ●●
  - ▶ building materials and light metallurgy to support the development of infrastructure in Niger ●
- ▶ Logistics Area and dry port Logistics zone to provide manufacturers with a competitive tool and also serve the needs of the city of Niamey ●

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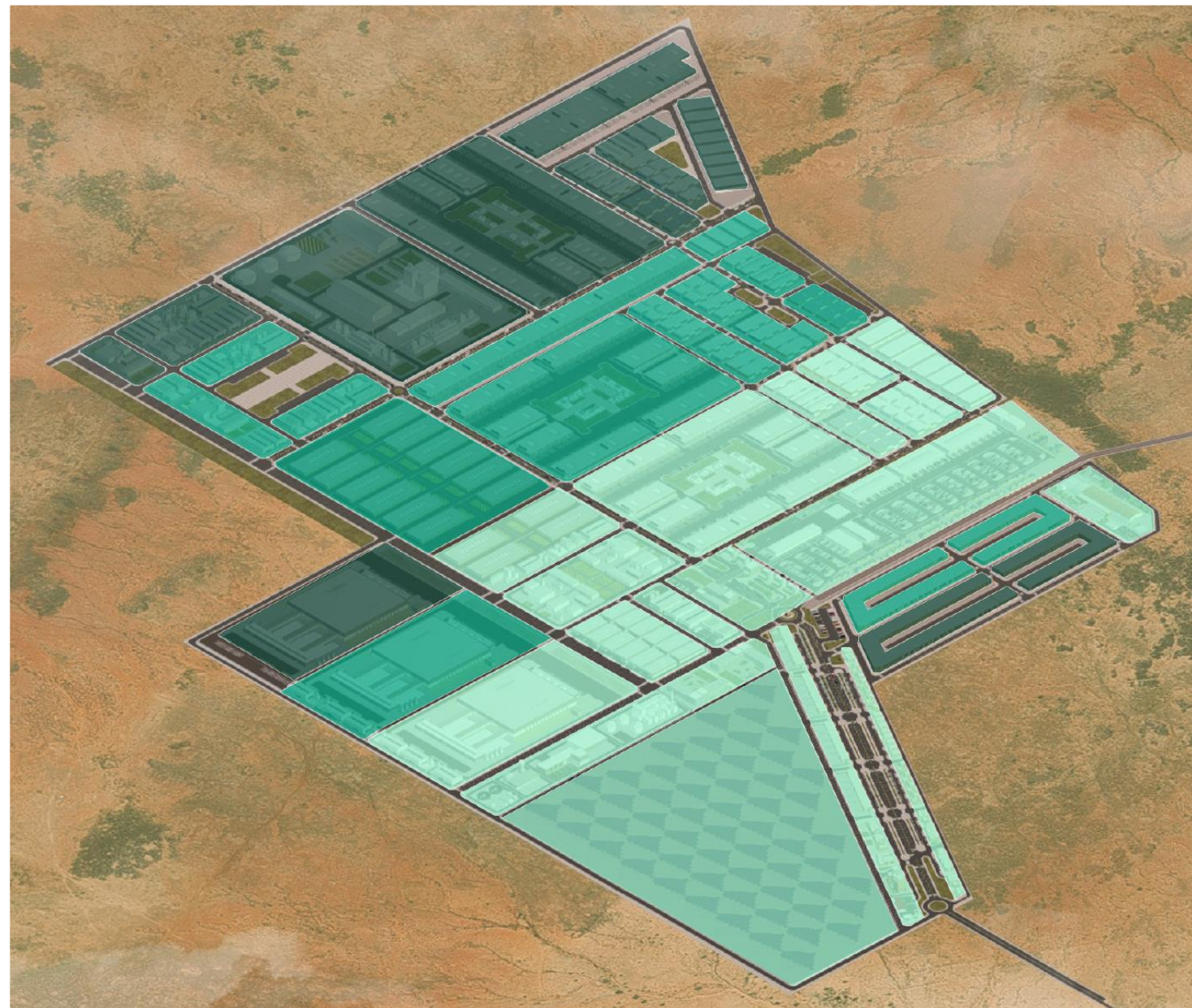
12 RESPONSIBLE CONSUMPTION AND PRODUCTION





# NIAMEY ECONOMIC ZONE, CONSIDERING SUSTAINABILITY WHEN : PROJECTING THE DEMAND AND DEFINING INFRASTRUCTURE AND SERVICES OFFER

ECONOMIC  
ENVIRONMENT  
SOCIAL



PHASE 1  
PHASE 2  
PHASE 3

- ▶ Demand projections considérations:
  - ▶ Needs of developed Industrial Plots and/or Shels and ramp up of demand ●
  - ▶ Connectivity ●
  - ▶ Clean and reliable Energy ●●●
  - ▶ Drinkable / Industrial water ●
  - ▶ Waste water treatment and reuse ●●●
  - ▶ recycling and recovery of waste ●●
  - ▶ Services requirements :
    - ▶ Logistics hub ●
    - ▶ One stop Shop ●
    - ▶ Social services ●
  
- ▶ Niamey Economic Zone Offer:
  - ▶ Connection to existing or projected Corridors (Road and Rail ) ●
  - ▶ Industrial lots adapted to the needs of the identified sectors and offering flexibility ●
  - ▶ Green Energy ●
  - ▶ Waste water and waste recycling ●●
  - ▶ Dry Port and Logistique area ●●
  - ▶ Training Center, medical Center, Living areas, ... ●
  - ▶ Development in 3 phases ●

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# NIAMEY ECONOMIC ZONE, CONSIDERING SUSTAINABILITY WHEN : SELECTING THE SITE

ECONOMIC  
ENVIRONMENT  
SOCIAL

6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



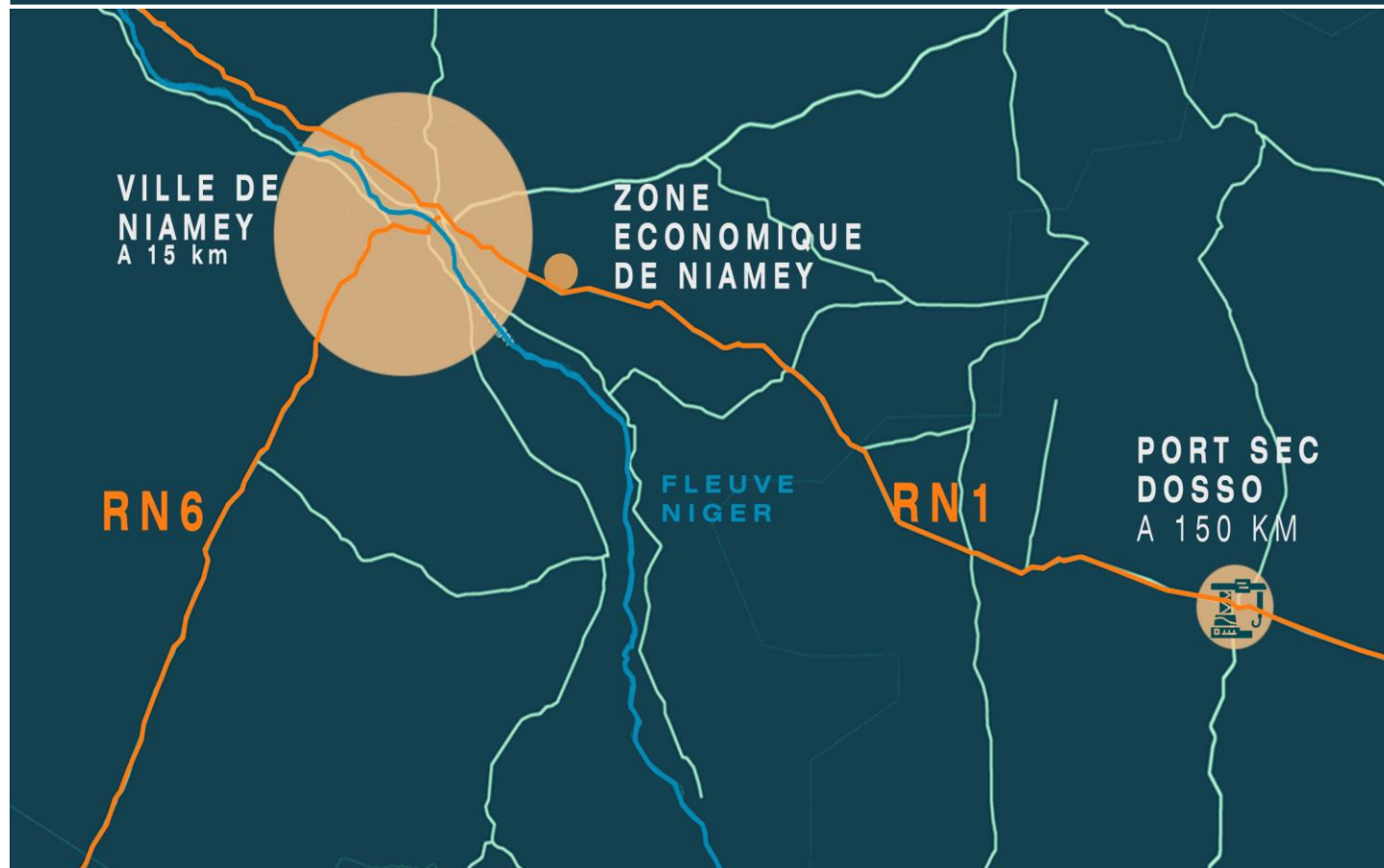
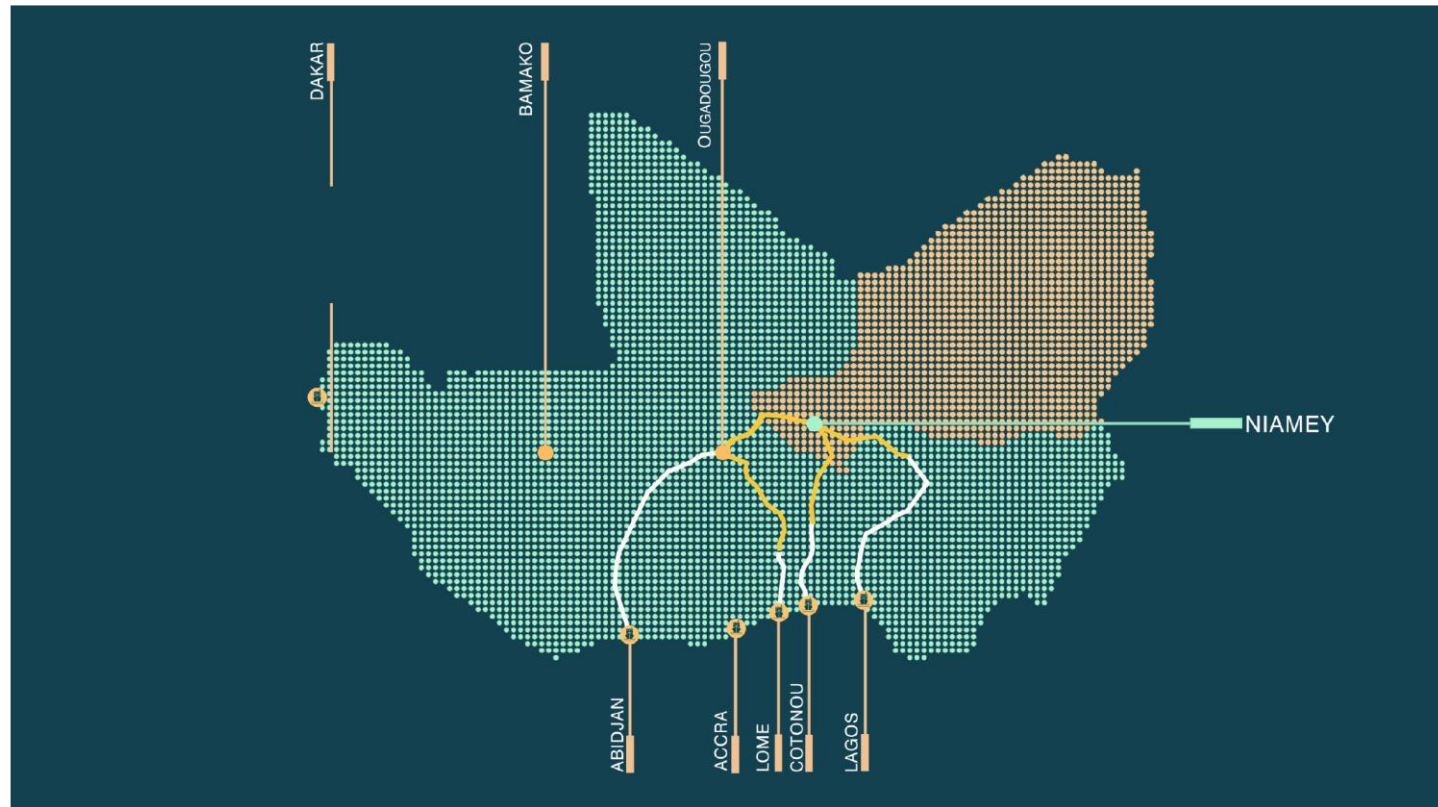
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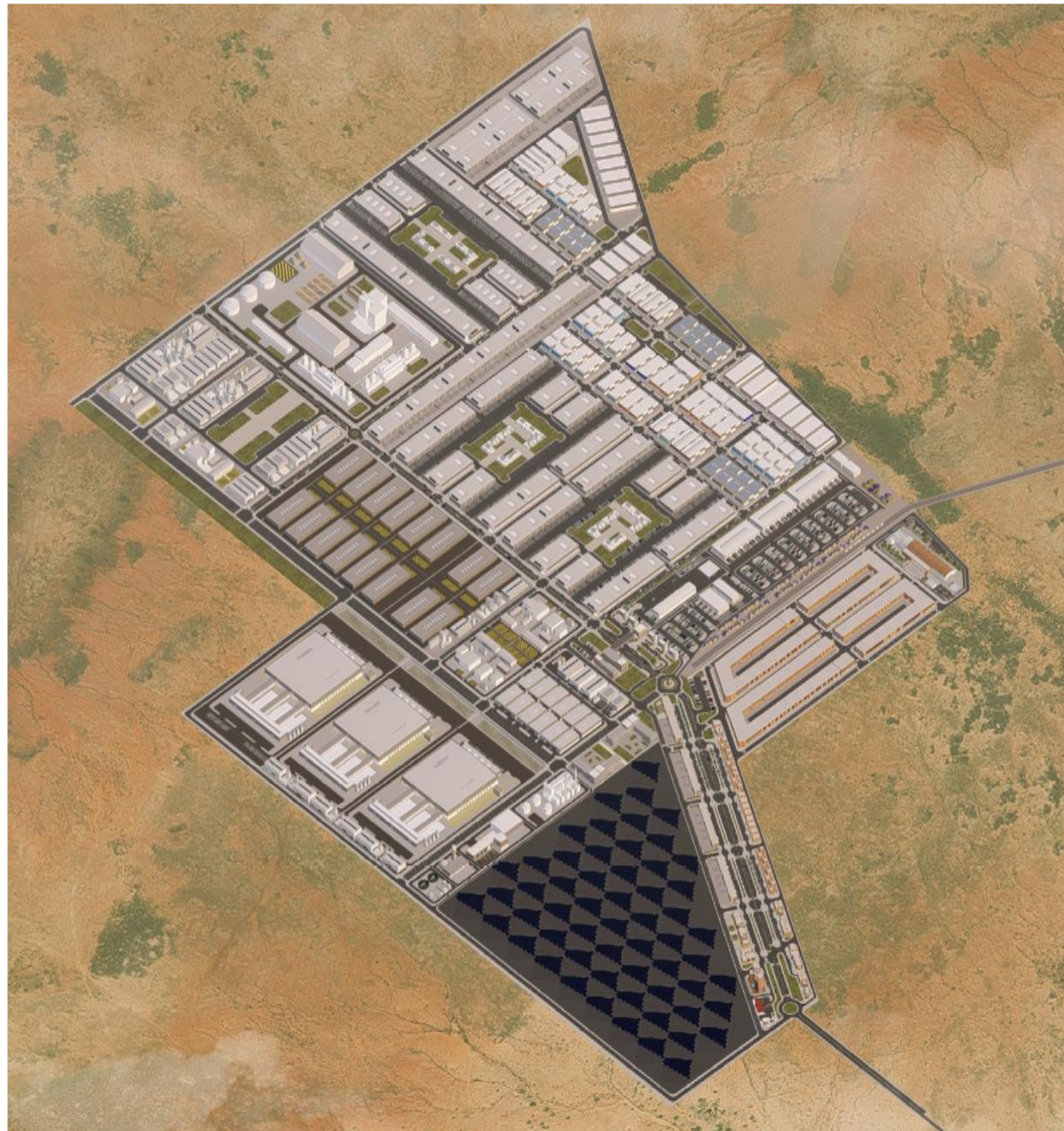
The location of the Niamey Economic Zone was selected following the assessment of the following main criteria:

- ▶ access to the existing road corridor (Cotonou-Niamey), the road corridor (Lomé-Niamey) under development and the planned rail corridor ●
- ▶ the proximity of Niamey as the main urban center of Niger, thus constituting an important employment basin and a target market ●●
- ▶ proximity to Niamey International Airport ●
- ▶ land status ●
- ▶ area of land meeting projected demand and a reserve for future development ●●
- ▶ Physical features and environmental and occupation conditions of the site ●●●
- ▶ Secure area close to Niamey ●●



# NIAMEY ECONOMIC ZONE, CONSIDERING SUSTAINABILITY WHEN : MASTER PLANNING

ECONOMIC  
ENVIRONMENT  
SOCIAL



Niamey EZ master plan has been designed to ensure optimal and efficient use of land, and to adapt to changing demand:

- ▶ A zoning allowing the sectors to be grouped according to their synergies and complementarities ●●
- ▶ A road diagram allowing to absorb and direct the flows according to their nature and volumes ●
- ▶ Regular matrix plotting to adapt to the evolution of the need for surfaces, from 5000 m<sup>2</sup>. ●
- ▶ A dry port and a central logistics area serving the two industrial components as well as direct access to National Route 1 ●

the working environment is also considered:

- ▶ Green spaces and living areas, ●●
- ▶ Accessibility of administrative and social services (Medical Center, Training Center,...), both for employees and for local populations. ●●
- ▶ an architectural charter respecting the local landscape and taking into consideration the climatic conditions of Niger ●●●

The southern part of the Zone is dedicated to :

- ▶ A Solar park on 70 ha ●●
- ▶ Water treatment and sewage water treatment and reuse facilities ●●
- ▶ A waste sorting and recovery facility ●●

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# THANK YOU

