

# Building resilient coastal cities in Mediterranean Area. The 15-minute city approach.

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## Statistics

- ❑ International arrivals have increased from 900 million to more than 1.4 billion in the last ten years,
- ❑ Expected to exceed 2.7 billion by 2027,
- ❑ 50% of all European tourist visits occurred in coastal regions (Mediterranean Region),
- ❑ 9.6% of global GDP,
- ❑ 333 million jobs.



## The Problem

Challenges faced by  
Hospitality Industry

# Environmental Impacts



Energy  
Consumption



Water  
Consumption



Waste  
Production

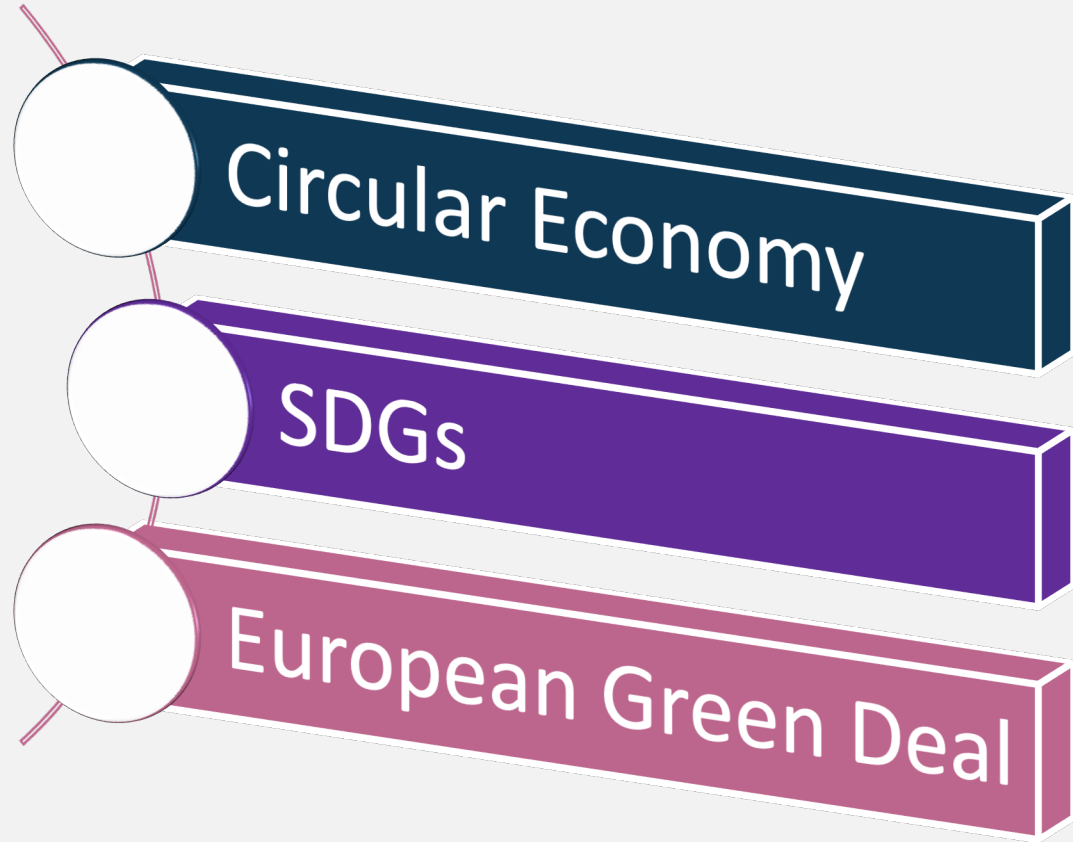


Biodiversity  
Loss



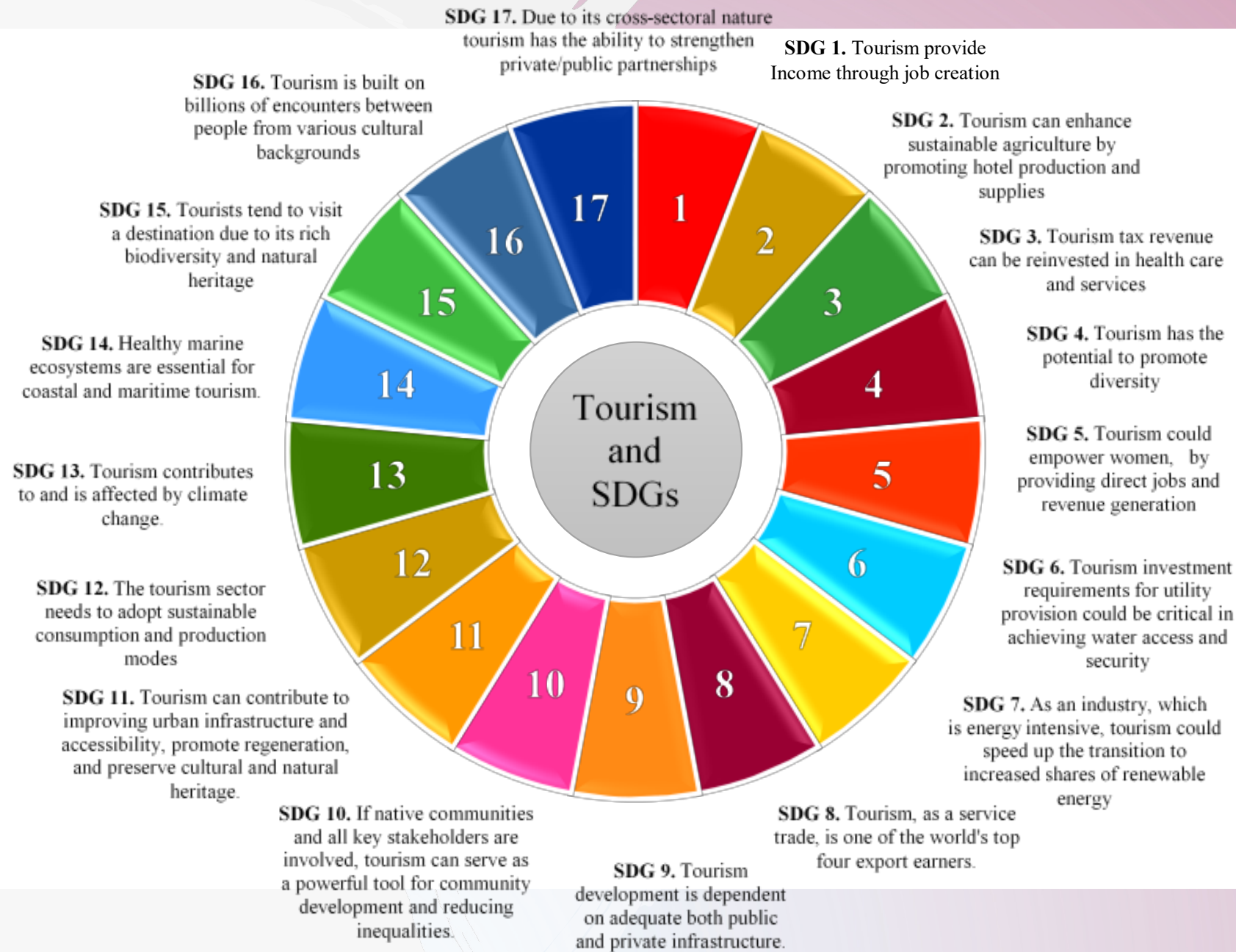
Air  
Emissions





← OLD WAY  
NEW WAY →

The need for  
change



# 15-minute city

- ❑ An increasingly common strategic planning tool,
- ❑ Refers to the development of comprehensive neighborhoods in which people can walk or cycle to places of interest within fifteen to twenty minutes of their home,
- ❑ Provides an excellent, straightforward, adaptable, and widely accepted view of urban living,
- ❑ The idea is to create vibrant and liveable communities, boost economic growth, promote social cohesion and sustainable development, and improve citizens' health and well-being.



# 15-minute city



Public schools, green spaces, libraries, super markets, department stores, employment locations, basic healthcare, and entertainment areas are just a few of the services available within a 15-20 minute

**Barcelona:  
the  
“Superblock  
approach”**



Modify roadways within 400 square meter blocks to increase the accessibility and quality of public space for leisure activities, as well as for pedestrian and bikes

**Bogotá: the  
“Vital  
neighborhoods”**



It combines a network of green corridors with pedestrian and bike priority roadways, as well as traffic limitations, tactical city planning interventions, and other strategies to promote people-centered mobility and vibrant streets

**Milan**



Streetscapes are being improved through open spaces and roadways programs, a sustainable urban mobility strategy, and the implementation of a 30 km/h city speed restriction (down from 50 km/h) on 60% of the transportation network

**Paris**



Is transforming the city into a network of neighborhoods where residents can find all they need within a 15-minute walk or ride from their homes.

**Portland:  
the “Complete  
neighbourhoods”**



80% of inhabitants should be able to walk or bike to all of their fundamental daily, non-work needs, with adequate pedestrian or bicycle access to transport

**Buenos Aires:  
the  
“Human  
-scale city”**



Bringing green spaces, local food markets, health facilities, recycling sites, and other facilities to each community, as well as enhancing walking and cycling infrastructure, particularly by establishing one of the world's largest car-free zones



# 15-minute city concept in a Coastal tourist destination

## 4 KEY CHARACTERISTICS:

**Proximity:** Destinations must be close to each other

**Diversity:** Provision of a wide variety of urban amenities close to one another's vicinity.

**Density:** There must be enough people to support a diversity of businesses in a compact area

**Ubiquity:** The city should be affordable for anyone who wants to reside in it / visit

# 15-minute city concept in a Coastal tourist destination

## BENEFITS:

**Greater accessibility:** enhancing accessibility towards living, healthcare, and entertainment,

**Reduce vehicle dependency:** By bringing neighbourhoods closer, the approach aims to reduce car dependency. This also helps promote physical activity (walking and cycling),

**Improve air quality:** Less transport means reduced carbon emissions

**Better health and well-being:** There are numerous physical and mental health benefits of active travel, cleaner air, easy access to healthy food options, and quality green space.

# 15-minute city concept in a Coastal tourist destination

## LIMITATIONS:

**Difficulty in implementation:** This is because the land-use patterns and infrastructure of established urban areas are already in place,

**Financing:** Funding for the switch to 15-minute neighbourhoods can be a considerable amount in the infrastructural budget, especially if they are to be built from scratch.



# 15-minute city concept in a Coastal tourist destination





# THANK YOU

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