

# Patras



## Research and innovation hub

### Vision

Taking advantage of the active involvement of the human resources, the innovative initiatives of the city's institutions and start-ups as well as the opportunities for the development of new generation networks, Patras aims to become a smart digital city improving the daily life of its citizens, entrepreneurs and visitors.



213,984

Population



70,3%

Employment Rate

4/9

Digital Maturity

Key sectors of the local economy:

Retail  
Logistics  
Banking  
Public sector services  
SMEs in rendering of services  
Academic and research

## What are the future goals?



The city of Patras overall objective is to be among the world leader in terms of smart city thanks to the following vision: "Let us become a smart city with sustainable neighborhoods, eco-efficient, energy-efficient, zero-emission and fully interconnected, ensuring the active involvement of citizens and stakeholders. By using innovative initiatives, let us take advantage of new technologies by achieving their use by citizens in order to improve their daily lives."



Patras wants to increase awareness actions to change citizens' behavior.



The digital infrastructure will be expanded to turn it into an open infrastructure for experimentation and research for IoT, cybersecurity, cloud and 5G.  
The city aims to implement a data integration platform by defining an interoperable data base allowing data re-use, making data more accessible and facilitate their access through an optimized architecture.  
The development of a sustainable transport via smart parking places and smart bus stations ("Smart Parking"; "Smart Bus Stops").  
The improvement energy efficiency through a smart energy management system for public infrastructures (buildings, roads and traffic lights, power stations for electric vehicles, open spaces) ("Smart power meters"; "Smart lampposts").



Further develop an e-dialogue platform for citizens where they could actively participate in the daily life of the city ("sense.city").  
The development of different applications to better inform and engage visitors aims to make Patras more attractive for tourists



Allow administrative procedures over the internet.

## What is happening today?



Patras has developed a digital strategy plan "Patras - Smart City" which aims to turn Patras into a smart city. It has 4 main objectives:

- Support innovative initiatives as to create sustainable neighborhoods
- Ensure the active involvement of citizens and stakeholders
- Turn Patras into an eco-efficient, energy self-sufficient, fully interconnected city with no emission
- Use technology to improve citizens' daily life and quality of life

The plan targets nine priority axis: natural and structured environment, energy saving, ICT & eGovernment, mobility and transport, water and waste management, health and welfare, sports and education, entrepreneurship, tourism and culture.



Patras' area dispose of a highly educated workforce composed of scientists, engineers and developers. > A broad community of start-ups mainly active in aerospace, biotech, cloud and mobile apps is flourishing in Patras.



Patras is currently developing a 5G infrastructure across the city. > Cosmote, a network and services provider, is implementing with Huawei one of the first Narrow-Band Internet of Things in EU which later enable additional innovation such as Smart Parking and Smart Lighting.



The city has several business incubators, innovation hubs and association (Corallia, Patras Science Park, Patras Smart Cities Innovation Hub, Association of Technological Enterprises of Western Greece) active in the digital, innovation and tech sector. > Since 4 year, a yearly exhibition on innovation (Patras Innovation Quest) aims to develop and strengthen the cooperation of the research community in Patras.



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