

Municipalities Connect  
with WiFi4EU Incentives



## THE EU WILL PROVIDE GRANT FUNDING TO QUALIFIED MUNICIPALITIES TO DEPLOY THEIR PUBLIC WI-FI NETWORKS.

With the WiFi4EU program, the European Commission intends municipalities to promote free Wi-Fi connectivity for residents and visitors to public spaces throughout Europe.

While proven to improve citizen satisfaction and municipal efficiency in large cities, some of the most dramatic achievements have been made in smaller communities where applications are deployed in “greenfield” environments. Wireless broadband provides the high-speed connectivity needed, and provides a proven solution that can be deployed at a fraction of the cost and time of fiber or wired connectivity.

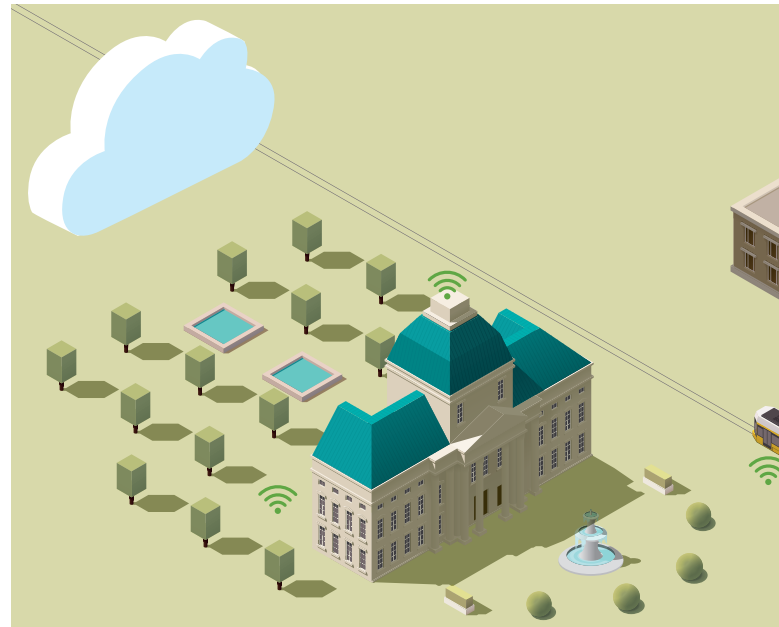
### Program Benefits:

- In Europe, everyone should enjoy connectivity on public spaces, regardless of where people live.
- WiFi4EU will provide high-quality internet access to residents and visitors in the main centers of public life throughout Europe, such as parks, squares, libraries, institutional buildings and museums.
- Governments and other organizations that offer a public service will be able to promote their digital services, such as e-government, telemedicine and e-tourism.

### Who can apply for the WiFi4EU program?

- Local public administrations (municipal councils and consortia):
- who want to offer Wi-Fi connectivity in areas where there are no public or private services of a similar nature yet;
- who need funding to buy equipment and install, and who guarantee to offer free connection to their own community for several years (at least 3 years);
- a voucher will be given per community, depending on the order of presentation of the project, to fully cover the costs.

Cambium Networks, a leading manufacturer of wireless connectivity solutions, is ready to work with technical staff of City Councils as well as system integrators and technology providers to implement connectivity solutions.



### Municipal Applications:

- Common areas
- Health centers
- Information points
- Libraries
- Local police stations
- Museums
- Parks
- Public access Wi-Fi
- Public transportation stations
- Security
- Tourist offices

### More information:

- **Deutsche** [cambiumnetworks.com/wifi4eu\\_deu/](http://cambiumnetworks.com/wifi4eu_deu/)
- **Español** [cambiumnetworks.com/wifi4eu\\_info/](http://cambiumnetworks.com/wifi4eu_info/)
- **Français** [cambiumnetworks.com/wifieu4\\_fra/](http://cambiumnetworks.com/wifieu4_fra/)
- **Italiano** [cambiumnetworks.com/wifi4eu\\_ita/](http://cambiumnetworks.com/wifi4eu_ita/)
- **Polskie** [cambiumnetworks.com/wifi4eu\\_pol/](http://cambiumnetworks.com/wifi4eu_pol/)





### Cambium Networks Solution Benefits:

**High Capacity** – Wireless networks can be designed to support simultaneous downloading of streaming video, uploading of video surveillance information, conducting voice calls, and sharing data.

**Secure** – The network can use specified frequencies for public safety and access networks with password authentication and encrypted data.

**Affordable** – Wireless solutions provide an attractive return on investment when compared with leased lines, fiber, copper, or other solutions.

**Reliable** – With millions of wireless broadband modules deployed around the world, Cambium Networks solutions are proven to work in any climate or application.

### Cambium Networks Technology Ensures High Throughput in Noisy Environments

- **Adaptive Wi-Fi Architecture** – lets you decide on the controller implementation
- **Beam forming and beam steering** – isolates the signal from ambient noise to maximize throughput
- **Frequency Re-Use** – maximizes the use of available frequency across thousands of users
- **Intelligent Filtering** – automatically blocks out noise to improve signal quality
- **Zero Touch Wi-Fi Provisioning** – improves the speed and accuracy of provisioning access points

### Proven Solutions

#### Ruggedized Wi-Fi access for field connectivity

- Outdoor hotspot and Wi-Fi networks

#### Wide-Area licensed and unlicensed narrowband connectivity for SCADA process control and monitoring including: Wide-area process control and monitoring of IIoT critical infrastructure.

- SCADA/Serial/IP/General Purpose I/O
- Multiple frequencies (220/450/700/900 MHz)

#### Wide-Area Point-to-Multipoint for video surveillance and backhaul

- Video surveillance for physical security
- SCADA master aggregation and backhaul

#### High capacity long range Point-to-Point backhaul

- Licensed microwave and unlicensed backhaul

#### Single pane of glass network management

- Bird's eye view of field network
- Rapid on-boarding and provisioning of new nodes
- End-to-end performance and fault management
- Centralized password management and firmware updates



## ABOUT CAMBIUM NETWORKS

Cambium Networks is a leading global provider of wireless connectivity solutions that strengthen connections between people, places and things. Specializing in providing an end-to-end wireless fabric of reliable, scalable, secure, cloud-managed platforms that perform under demanding conditions, Cambium Networks empowers service providers and enterprise, industrial and government network operators to build intelligent edge connectivity. Cambium Networks' commitment to continuous innovation in wireless access is demonstrated in the millions of radios deployed in thousands of networks that benefit communities around the world. Team members also contribute to social responsibility activities to serve the communities in which they live. Headquartered outside Chicago and with R&D centers in the U.S., U.K. and India, Cambium Networks sells through a range of trusted global distributors.

**[cambiumnetworks.com](http://cambiumnetworks.com)**

### ***India Office***

Cambium Networks Consulting Private Ltd  
5th Floor, Quadrant 1, Umiya Business Bay, Tower 2, Outer Ring Road,  
Kadubisenahalli, Varthur Hobli Road, Bangalore East  
Taluk, Bangalore- 560037  
+91 80 67333100

### ***San Jose Office***

2590 N. 1st Street, Suite 220  
San Jose, CA 95131 USA

### ***US Office***

3800 Golf Road, Suite 360  
Rolling Meadows, IL 60008 USA  
+1 888 863 5250

### ***UK Office***

Unit B2, Linhay Business Park  
Eastern Road Ashburton, United Kingdom, TQ13 7UP  
+44 1364 655500