

# What's in It for Me?

How 6G Affects You and the Environment





## Ultra-Fast Connectivity

6G will offer incredibly fast data speeds, making online activities smoother and more efficient.



## Smart Cities

Better infrastructure management with real-time data, improving public services like traffic management and waste collection.



## Improved Healthcare

Enhanced telemedicine and remote surgery capabilities, offering better access to medical services.



## Global Connectivity Access

Better internet access in remote and underserved areas, helping bridge the digital divide.



## Energy Efficiency

Designed to be more energy-efficient, reducing the overall power consumption of networks.



## Environmental Monitoring

Better sensors and data collection for monitoring environmental conditions like air quality and climate changes.

## Potential Concerns

### Privacy Concerns

Enhanced data collection and connectivity might increase risks of data breaches and privacy violations.

### Digital Divide

If not managed inclusively, the rapid rollout of 6G could widen the digital divide, leaving some communities further behind.

### Health Concerns

The growing number of connected devices could lead to increased exposure to electromagnetic fields, raising concerns about unknown long-term health effects.

To make the most of 6G, we need to use it wisely, balancing its benefits with potential risks. By prioritizing thoughtful implementation and addressing potential drawbacks, we can harness 6G's potential while keeping people and the planet at the heart of next-generation mobile technology.

## LEARN MORE AT

[www.6g4society.eu](http://www.6g4society.eu)

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