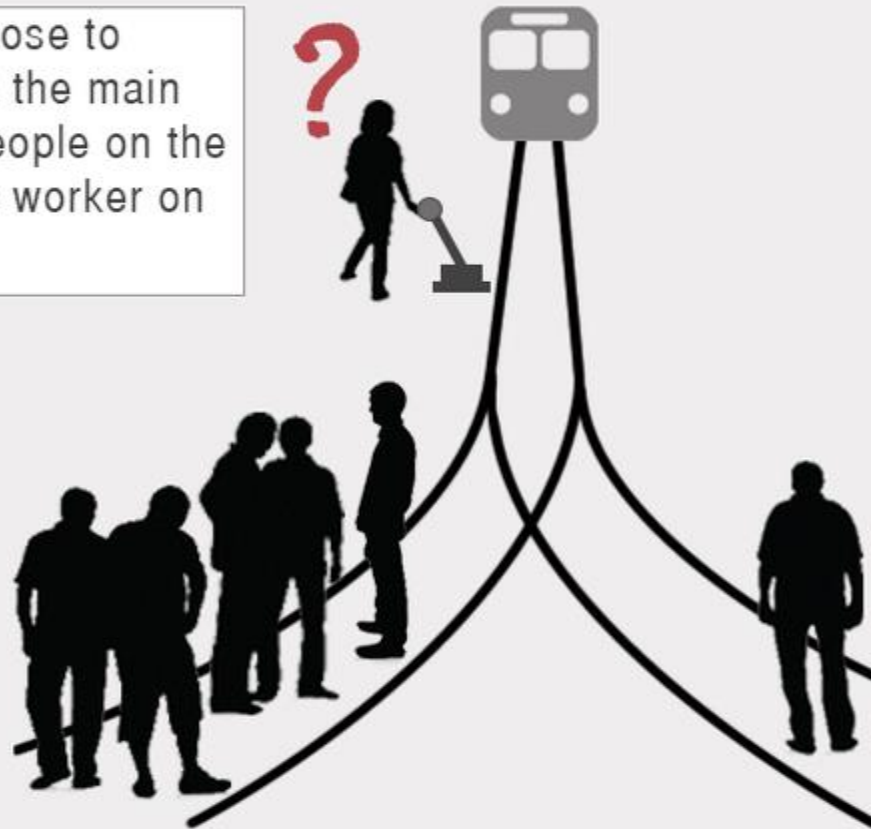


## **Ethical Dilemmas on our way to a carbon free future**

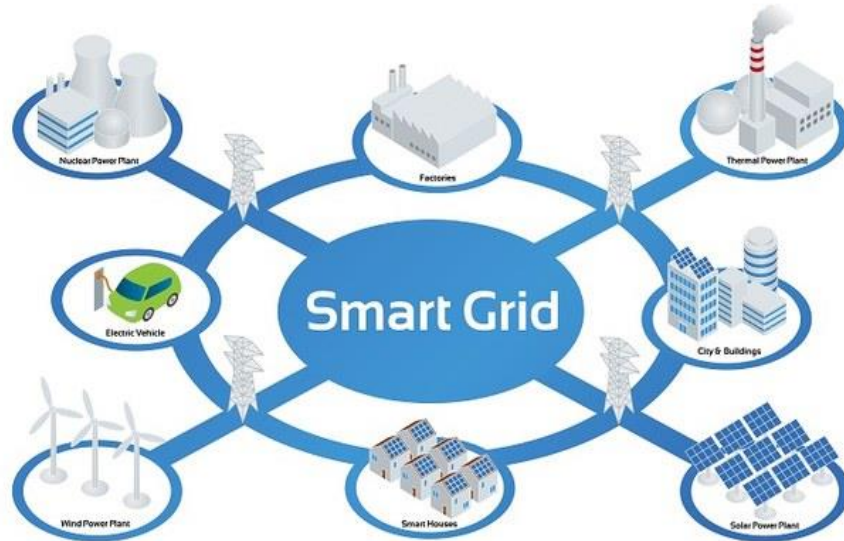
**Areti Ntaradimou, editor Smart Energy International**

## The trolley problem

The person can choose to divert the tram from the main track, saving five people on the track, but killing the worker on the other track.



# Data Ethics



Picture Credit:

<https://www.enisa.europa.eu/events/communication-network-dependencies-for-smart-grids>

## DATA SOURCES

**Data** from supervisory control and data acquisition (**SCADA**) system.

**Data** from phasor measurement unit (**PMU**); and  
**Data** from energy consumers.

# Data Ethics



**Right to Privacy**  
**VS**  
**Right to a Sustainable  
Future**

# Data Ethics



**Informed consent** is shorthand for informed, voluntary, and decisionally-capacitated consent

## **Ethical Dilemmas on our way to a carbon free future**

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**Thank you for listening!**