



PLUG & PLAN

PROFESSIONAL CERTIFICATE COURSE IN EV CHARGING INFRASTRUCTURE PLANNING

(Includes EV Charging Planning Toolkit for Cities and Real City Dataset)

HOW MANY EV CHARGERS WILL CITIES ACTUALLY NEED?

As cities transition to electric mobility, planners must estimate future charging infrastructure requirements using transport data, energy analysis, and EV adoption scenarios.

Plug & Plan is a practical course that introduces the analytical methods used to understand the transport sector transition to electric mobility and its implications for charging infrastructure planning.

WHAT YOU WILL LEARN

- How to source and analyse transport and energy data
- How to estimate on-road vehicle activity
- Understanding transport sector emissions and electrification pathways
- Vehicle emission standards and regulatory frameworks
- EV economics using Total Cost of Ownership (TCO)
- Fundamentals of electric vehicle charging systems

HANDS-ON LEARNING

Participants will complete practical exercises including:

EV Charging Demand Lab

Estimate EV charging demand for a city using an EV Charging Planning Toolkit

EV Charging Planning Studio

Identify potential locations for EV charging infrastructure.

Final Project

Develop a mini EV charging infrastructure plan for a selected city with real city data

DATE:
MARCH
30 - APRIL
30 2026

LIMITED
SEATS
AVAILABLE

WHO SHOULD ATTEND

- Urban planning students
- Transport and mobility students
- Energy and sustainability researchers
- Early-career professionals interested in EV transition

CERTIFICATE

Participants who complete the course and final project will receive a Certificate in EV Charging Infrastructure Planning

COURSE FORMAT

- Short course
- Online learning
- Practical exercises

REGISTRATION

Student Fee:
899

Early Bird Fee:
599

REGISTER NOW

