

## **HANDOUTS**

### **Measuring Transportation Impacts -CTC Webinar April 10, 2025**

**Handout 1 – Transportation Analysis Framework – Figure 5. A detailed assessment method selection flow chart.**

**Handout 2 – Project-Level Conformity Process**

**Handout 3 – Acronyms and Diagram of Air Pollutants**

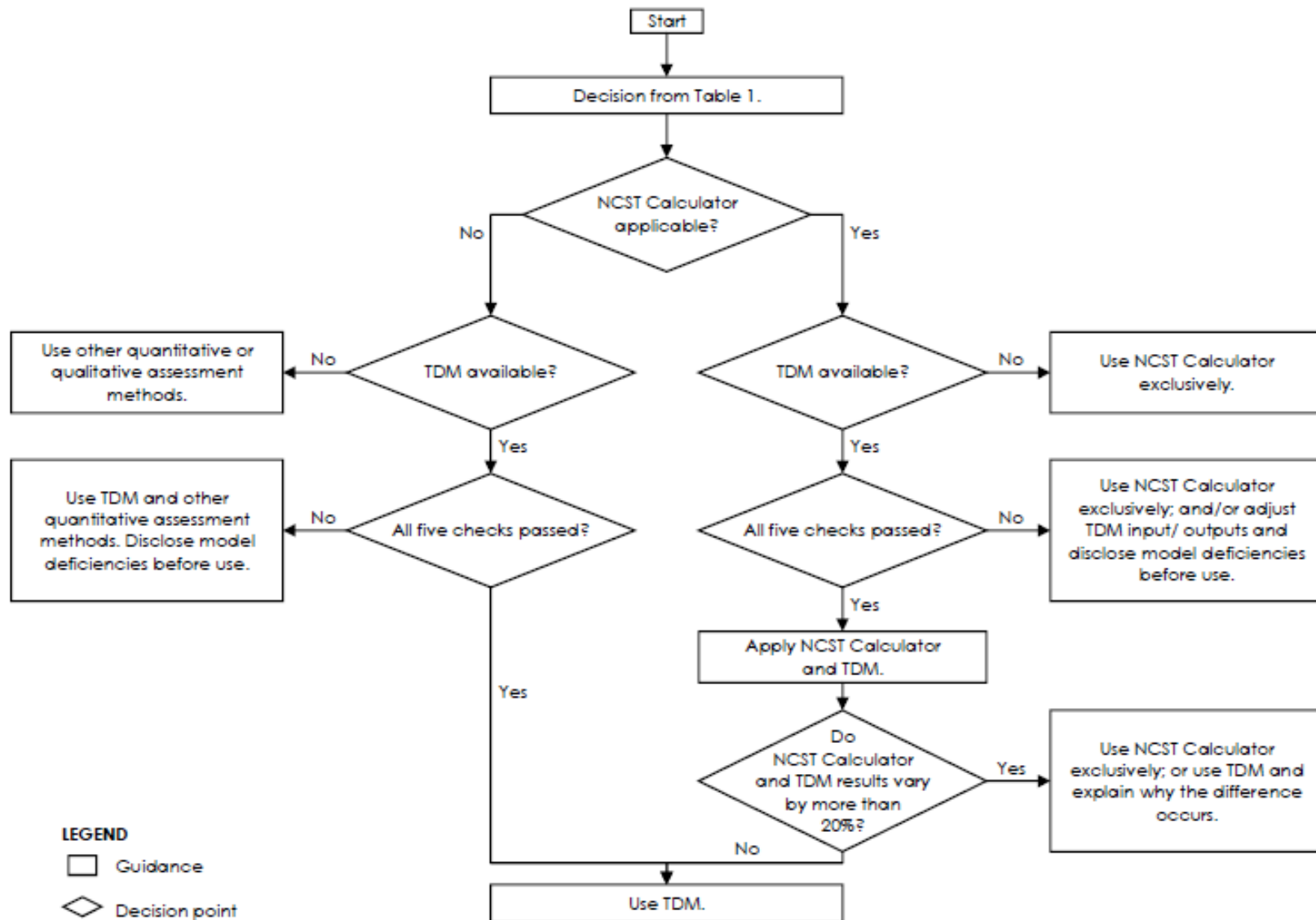
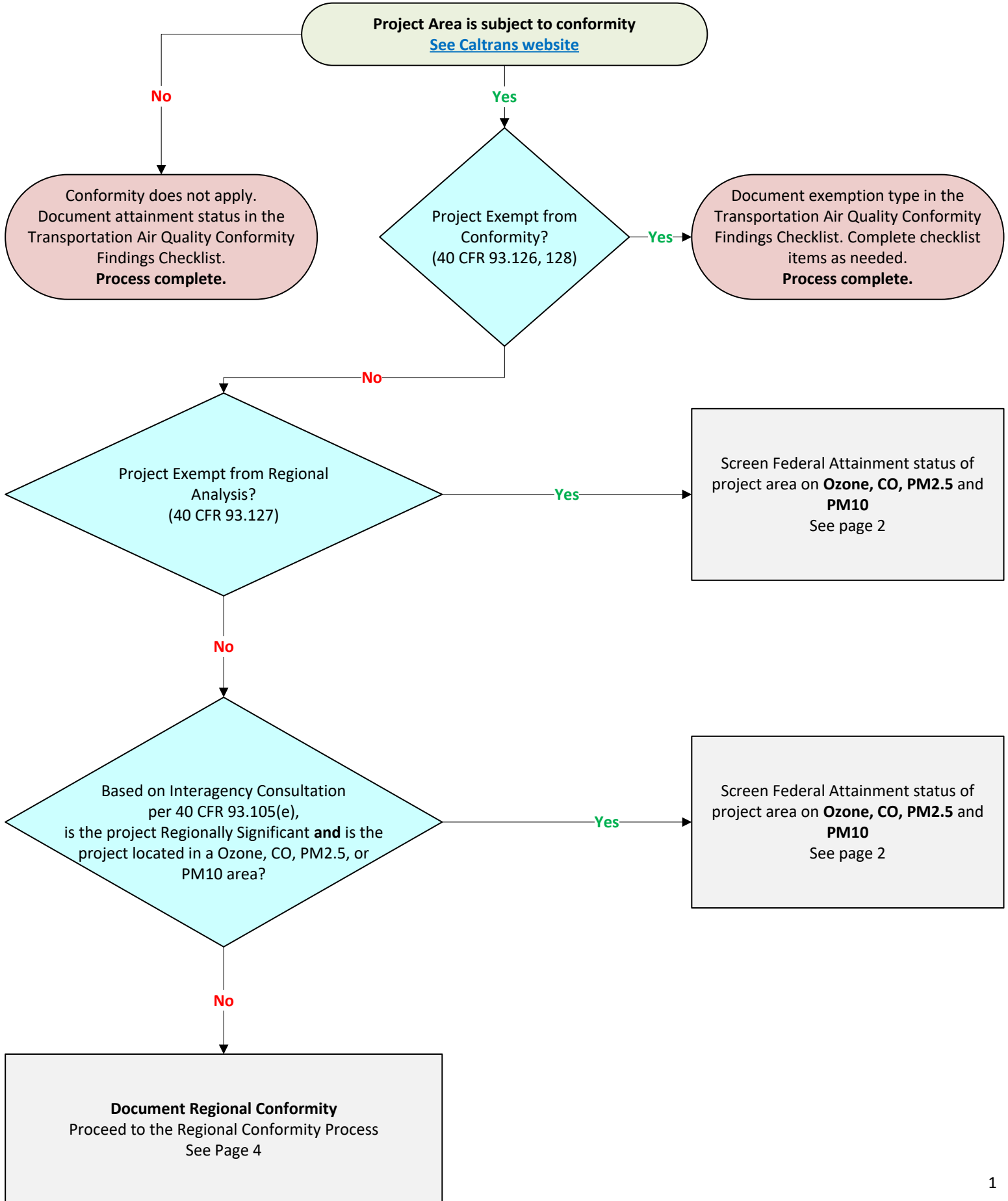
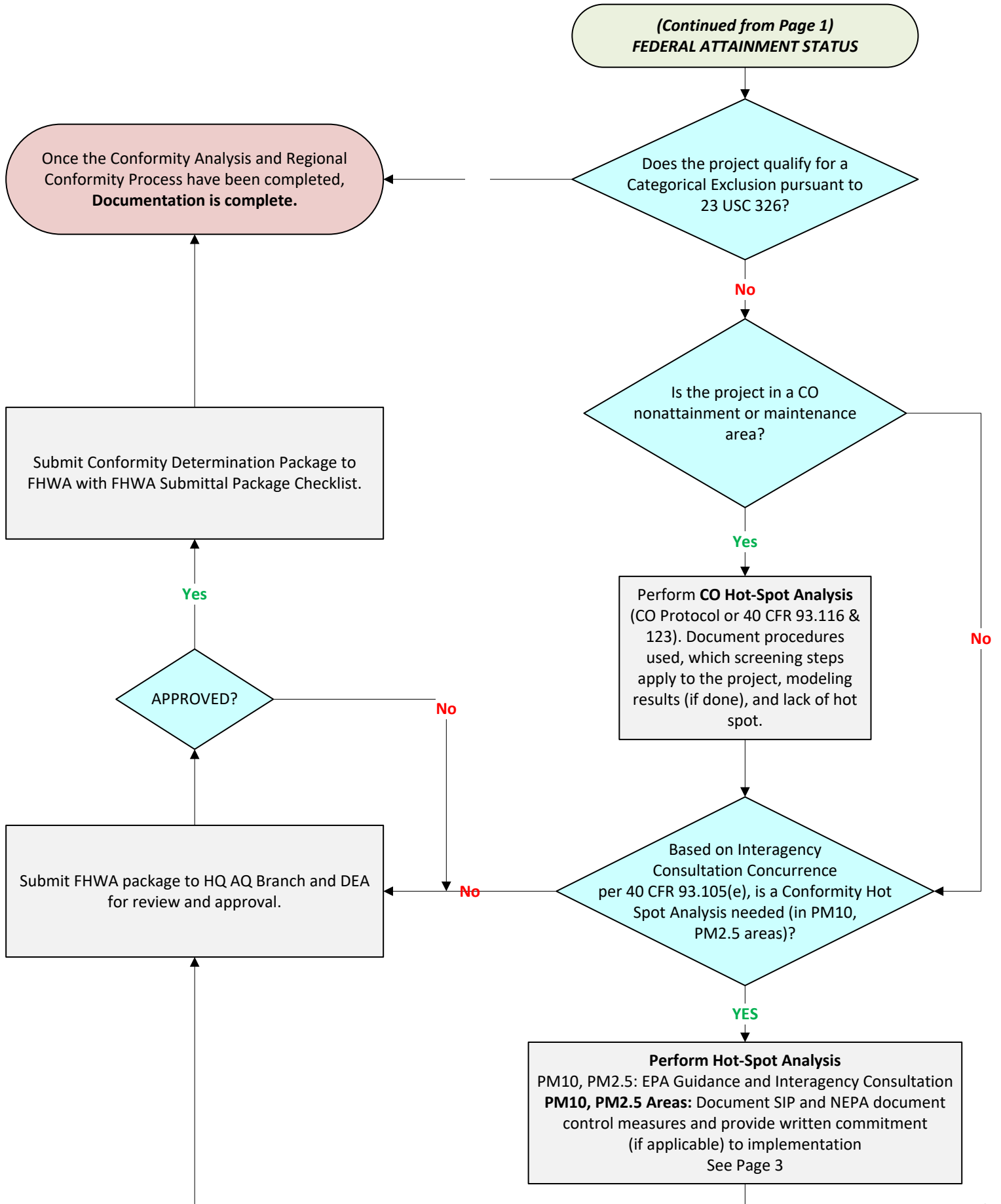
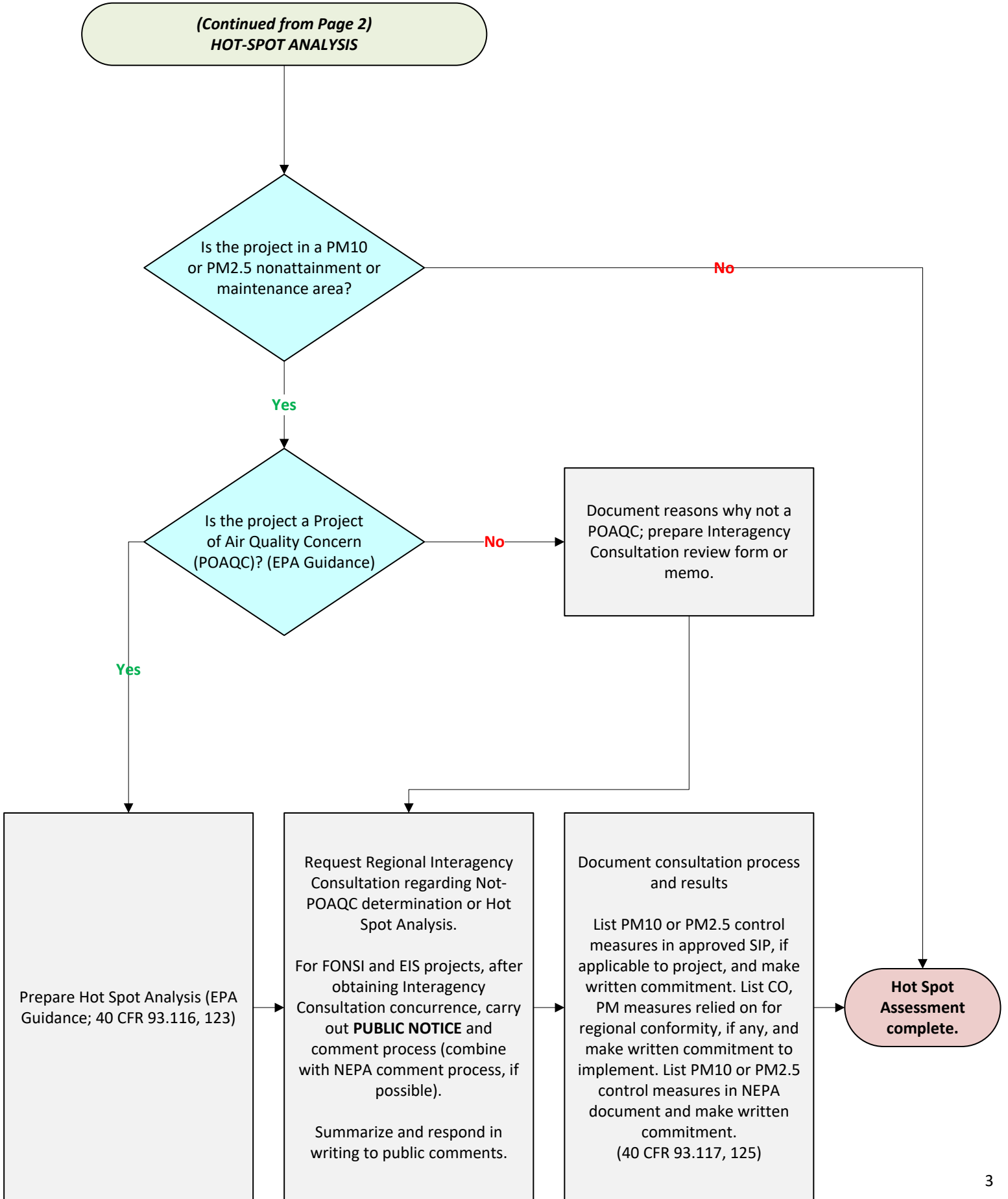


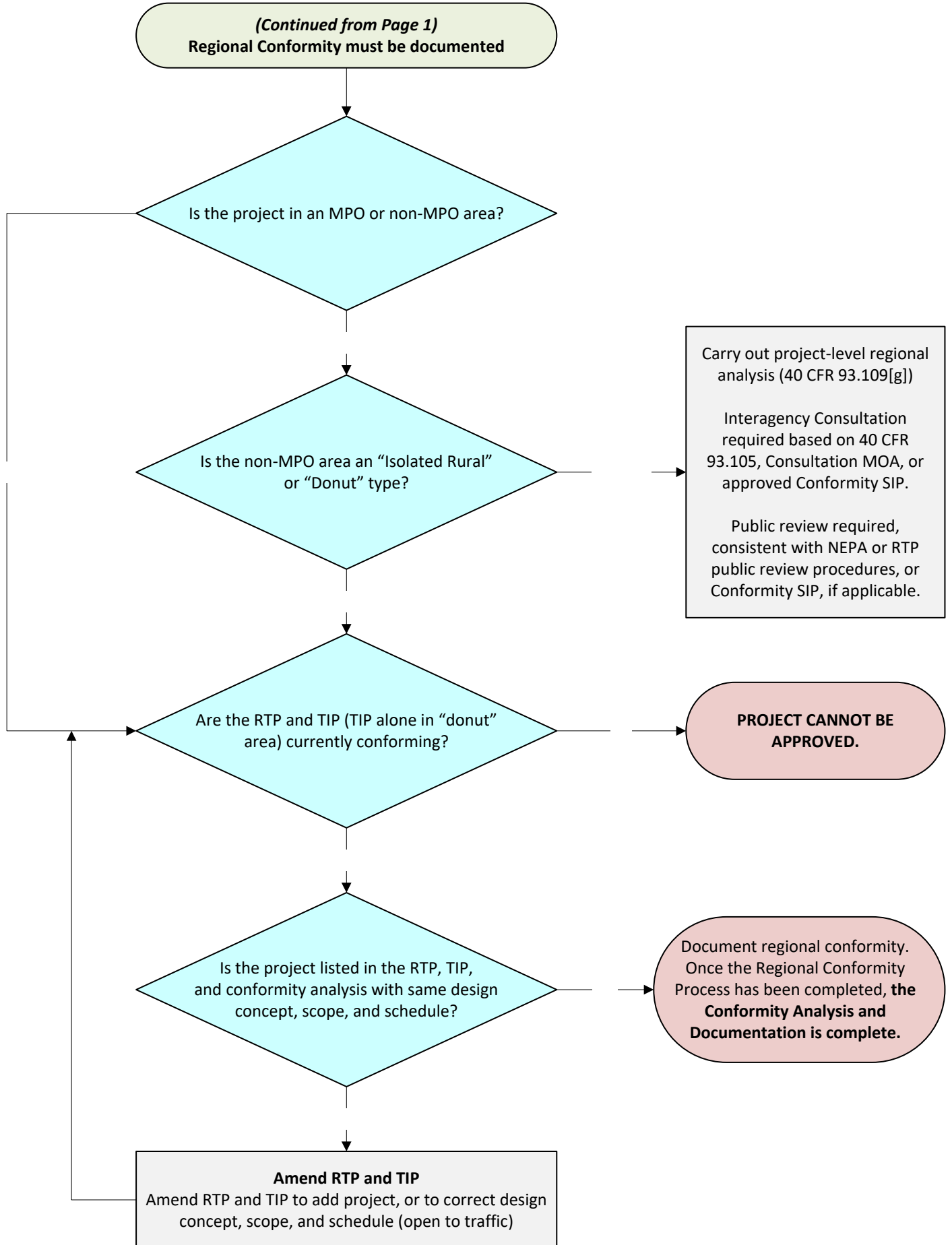
Figure 5. A detailed assessment method selection flow chart.

**Handout 2 – Project-Level Conformity Process**









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**Handout 3 – Acronyms and Diagram of Air Pollutants**

- AERMOD – American Meteorological Society/U.S. Environmental Protection Agency Regulatory Model.
- CEQA – California Environmental Quality Act.
- CALINE4 – California Line Source Dispersion Model.
- CT-EMFAC = CalTrans Emission FACTors model.
- ED – Environmental Document.
- FHWA – Federal Highway Administration.
- g/day – grams per day.
- gal/mi – gallons per mile.
- g/mi – grams per mile
- $\mu\text{g}/\text{m}^3$  - Micrograms per cubic meter.
- NCST - National Center for Sustainable Transportation (NCST) Calculator.
- NEPA – National Environmental Policy Act.
- POAQC – Project of Air Quality Concern.
- SOC – Statement of Overriding Consideration.
- TDM – Travel Demand Model.
- VMT – Vehicle Miles Traveled.

Pollutants

- BC – Black carbon (soot).
- CH<sub>4</sub> – Methane.
- CO – Carbon Monoxide.
- CO<sub>2</sub> – Carbon Dioxide.
- HC – Hydrocarbon.
- HFC – Hydrofluorocarbon.
- MSAT - Mobile Source Air Toxics.
- NO<sub>x</sub> - Nitrogen Oxides.
- NH<sub>3</sub> – Ammonia.
- N<sub>2</sub>O – Nitrous Oxide.
- PM 2.5 - Particulate Matter, which are microscopic particles in the air that have a diameter of 2.5 micrometers or less.
- PM 10 - Particulate Matter, which are microscopic particles in the air that have a diameter of 10 micrometers or less.
- ROG – Reactive Organic Gases.
- SO<sub>x</sub> – Sulfur Oxides.
- TOG – Total organic gases.



# Project-Level Emissions: Pollutants

