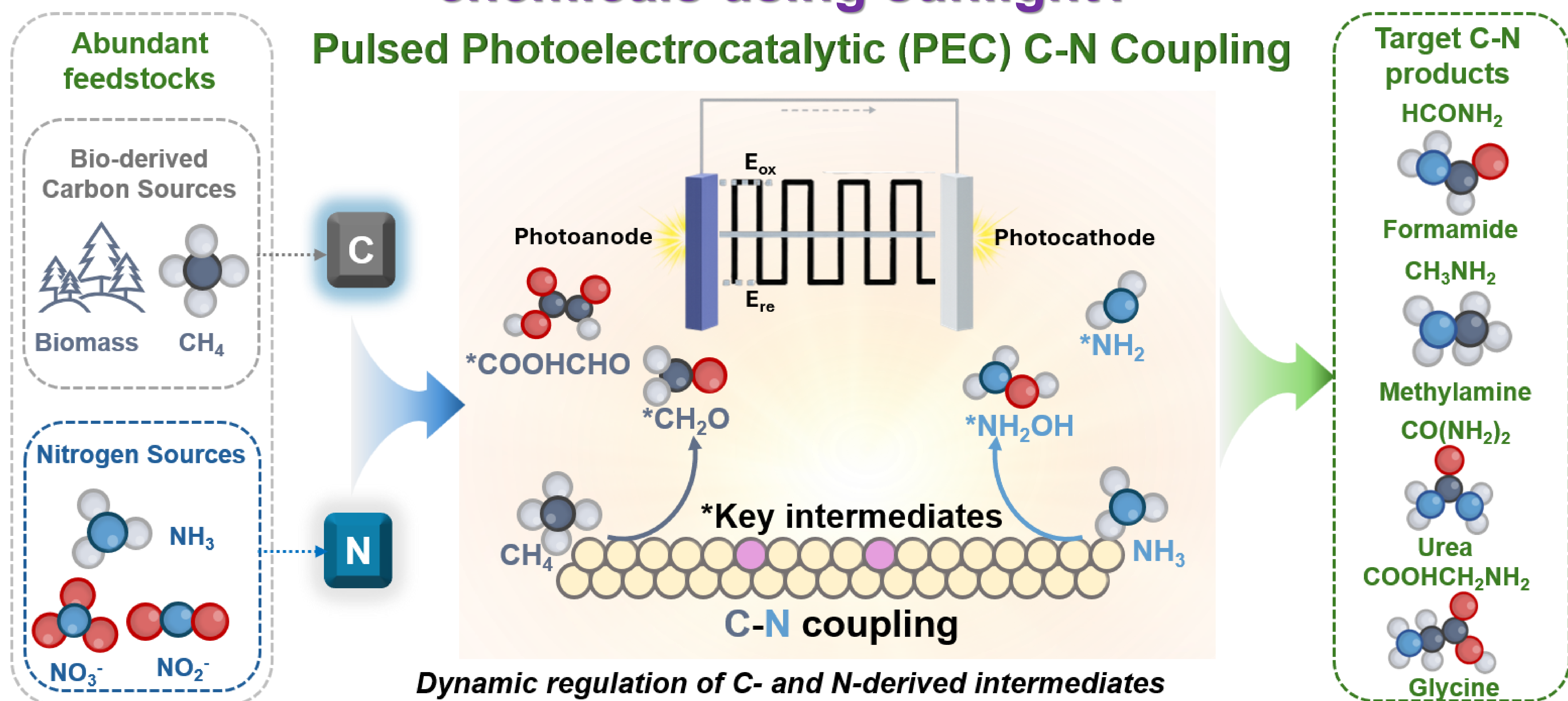
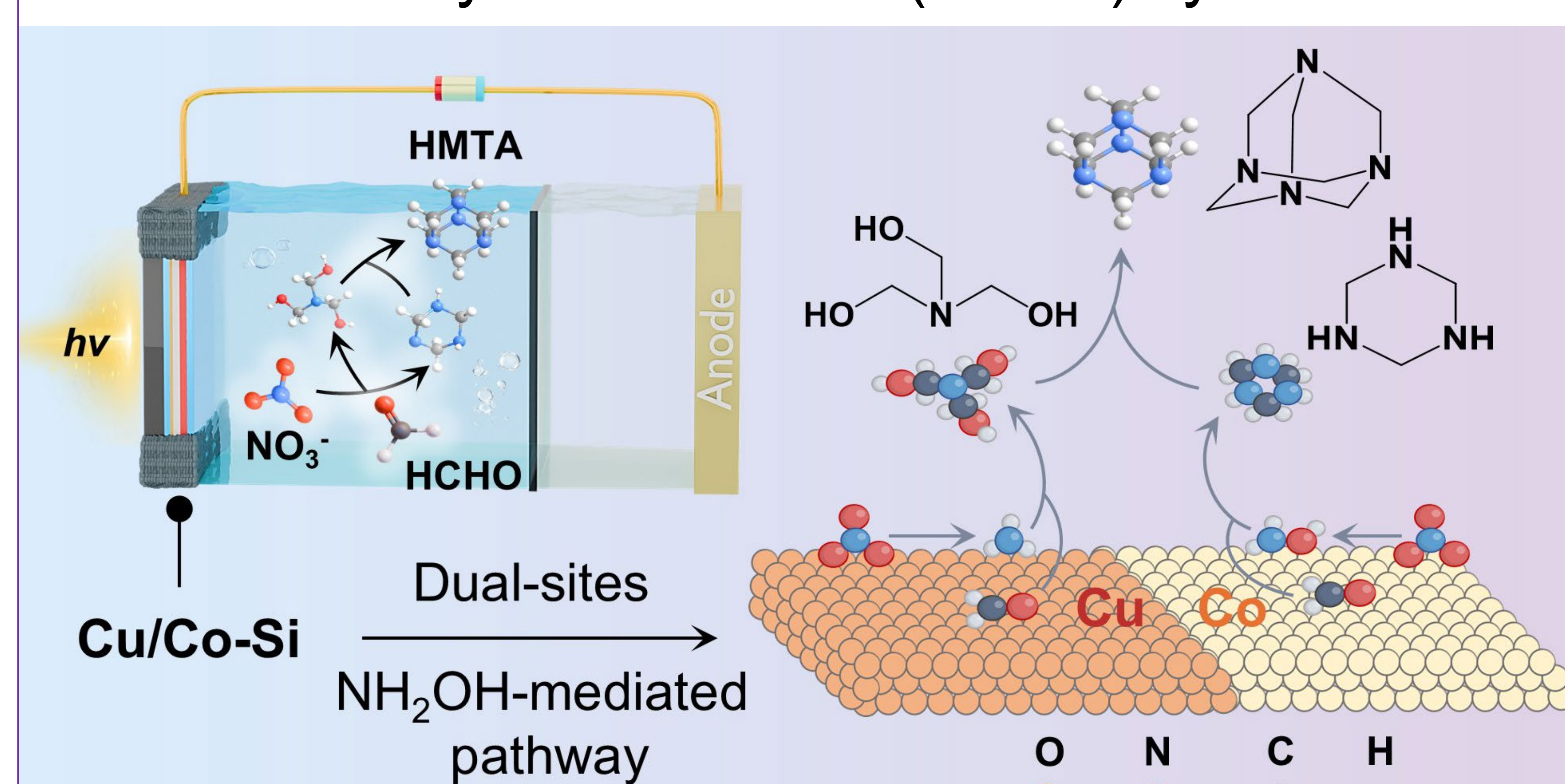


How can we convert abundant feedstocks into high-value chemicals using sunlight?

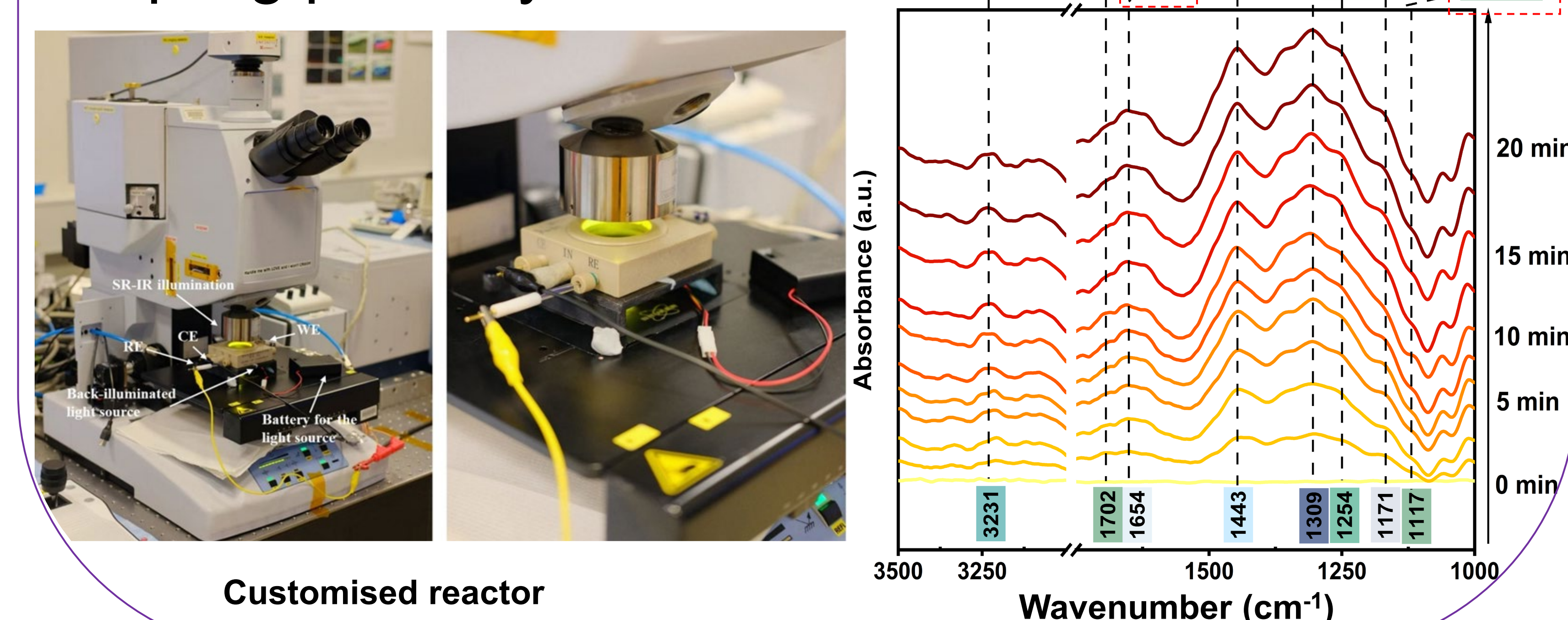


Mechanistic control of PEC C-N coupling

NH_2OH -mediated pathway for solar-driven hexamethylenetetramine (HMTA) synthesis

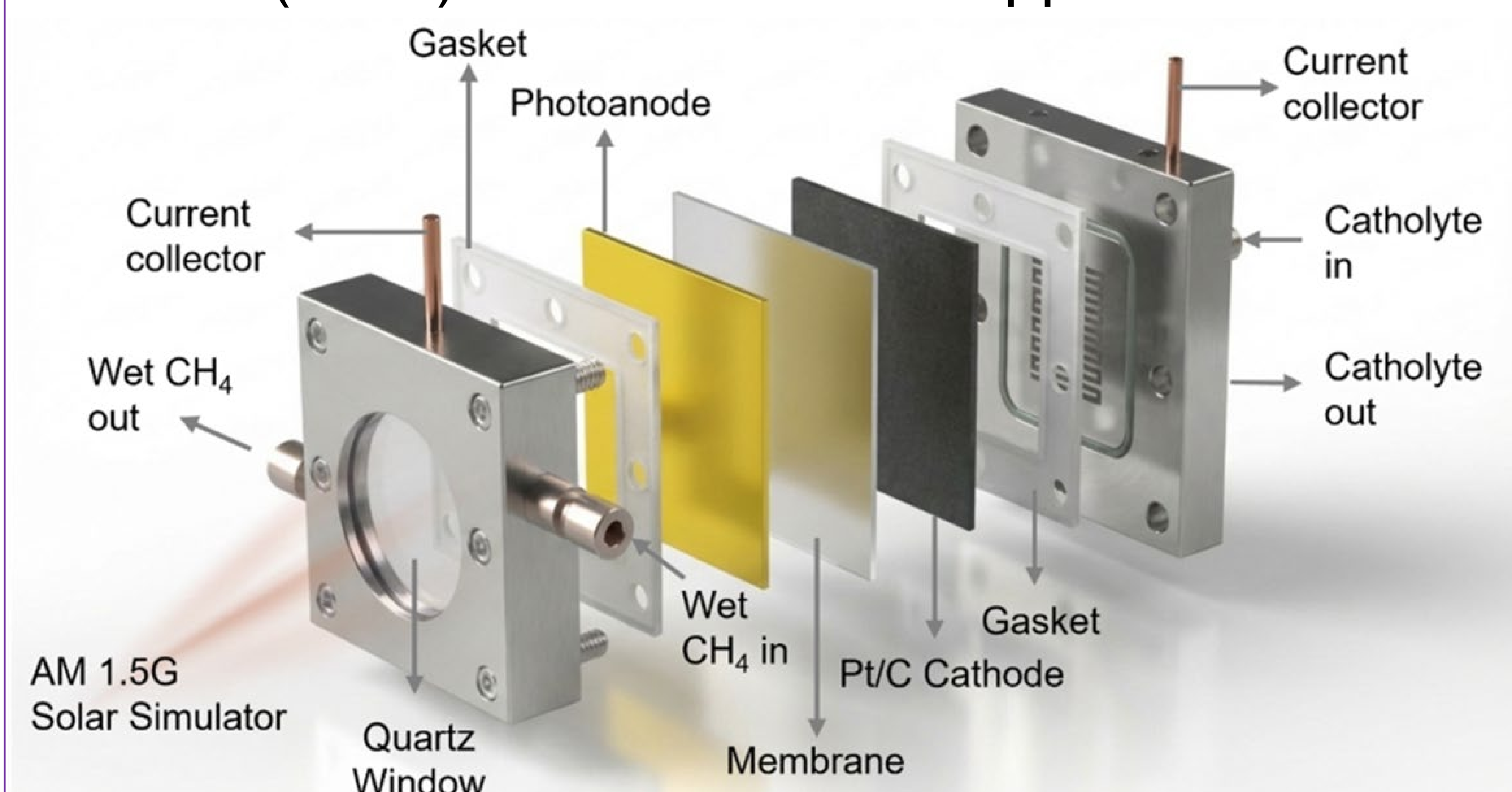


Synchrotron-based spectroscopy reveals the C-N coupling pathway

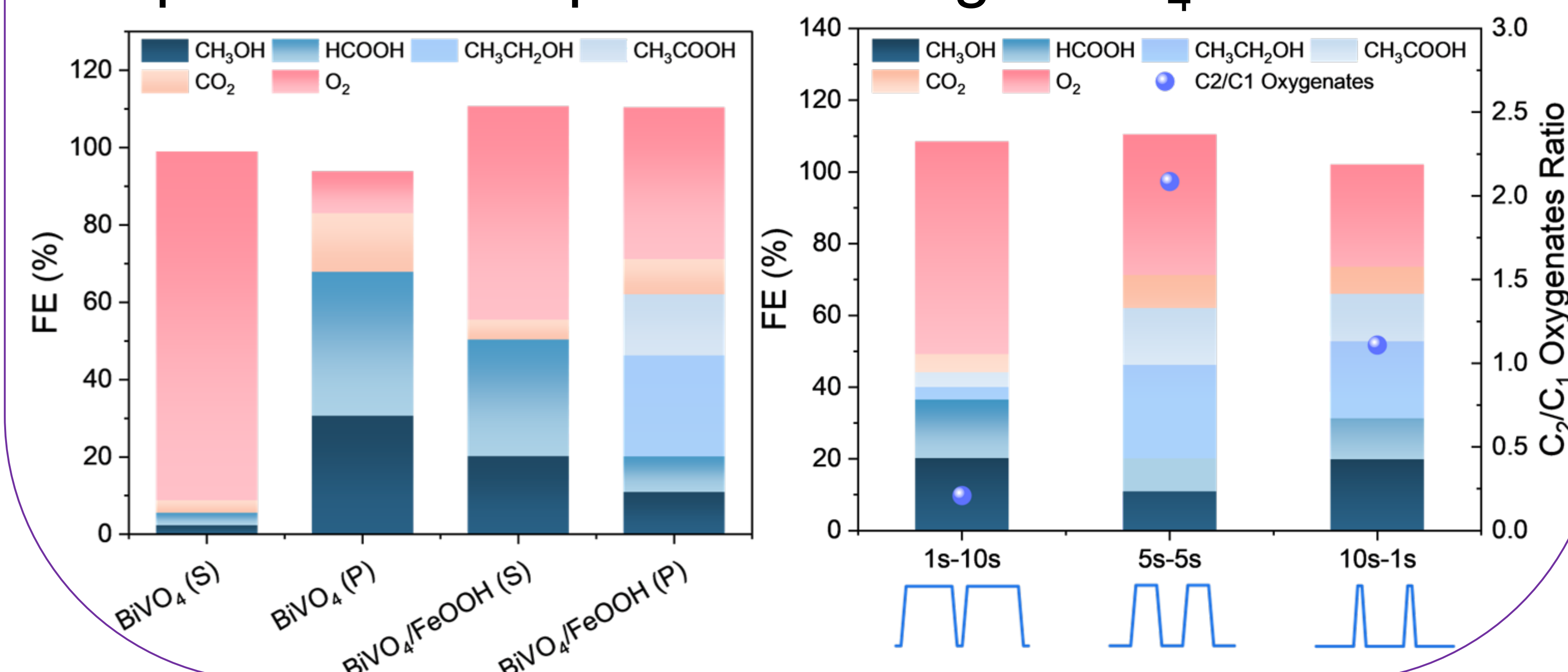


Scalable PEC methane upgrading in MEAs

Develop scalable membrane electrode assembly (MEA) devices for PEC applications



Steering selectivity from C_1 to C_2 oxygenates via pulsed PEC operation using $\text{BiVO}_4/\text{FeOOH}$



Towards dynamic, selective and scalable solar chemical manufacturing

Organizers