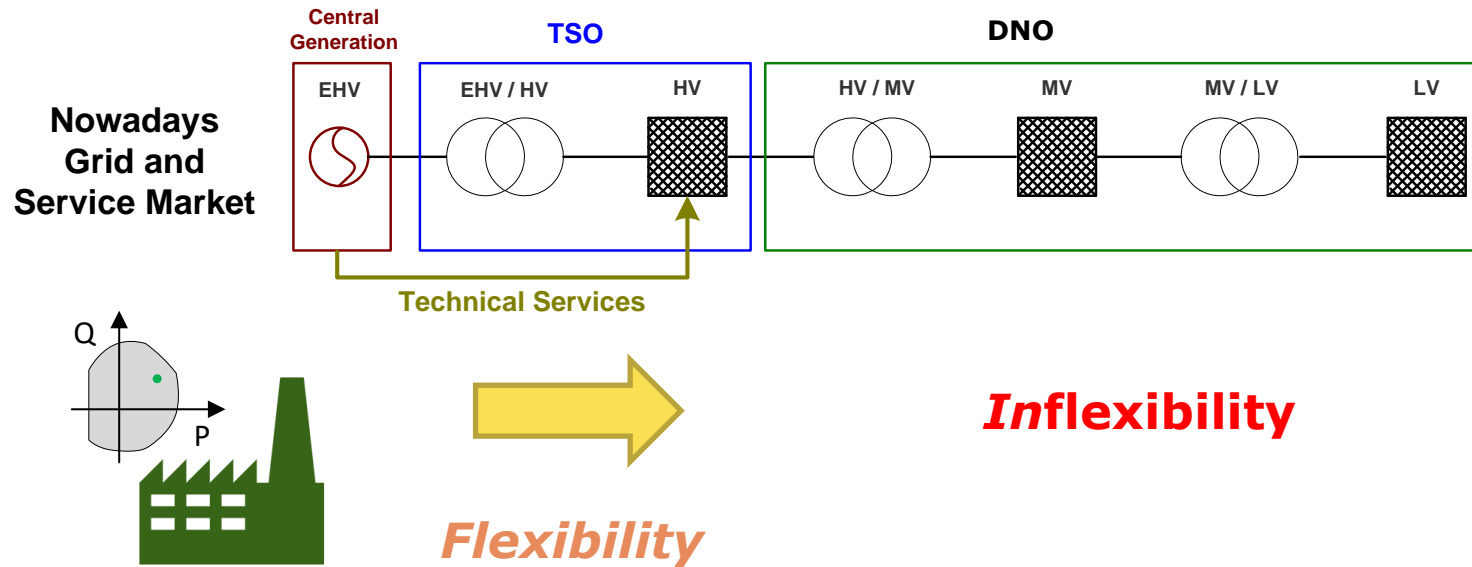
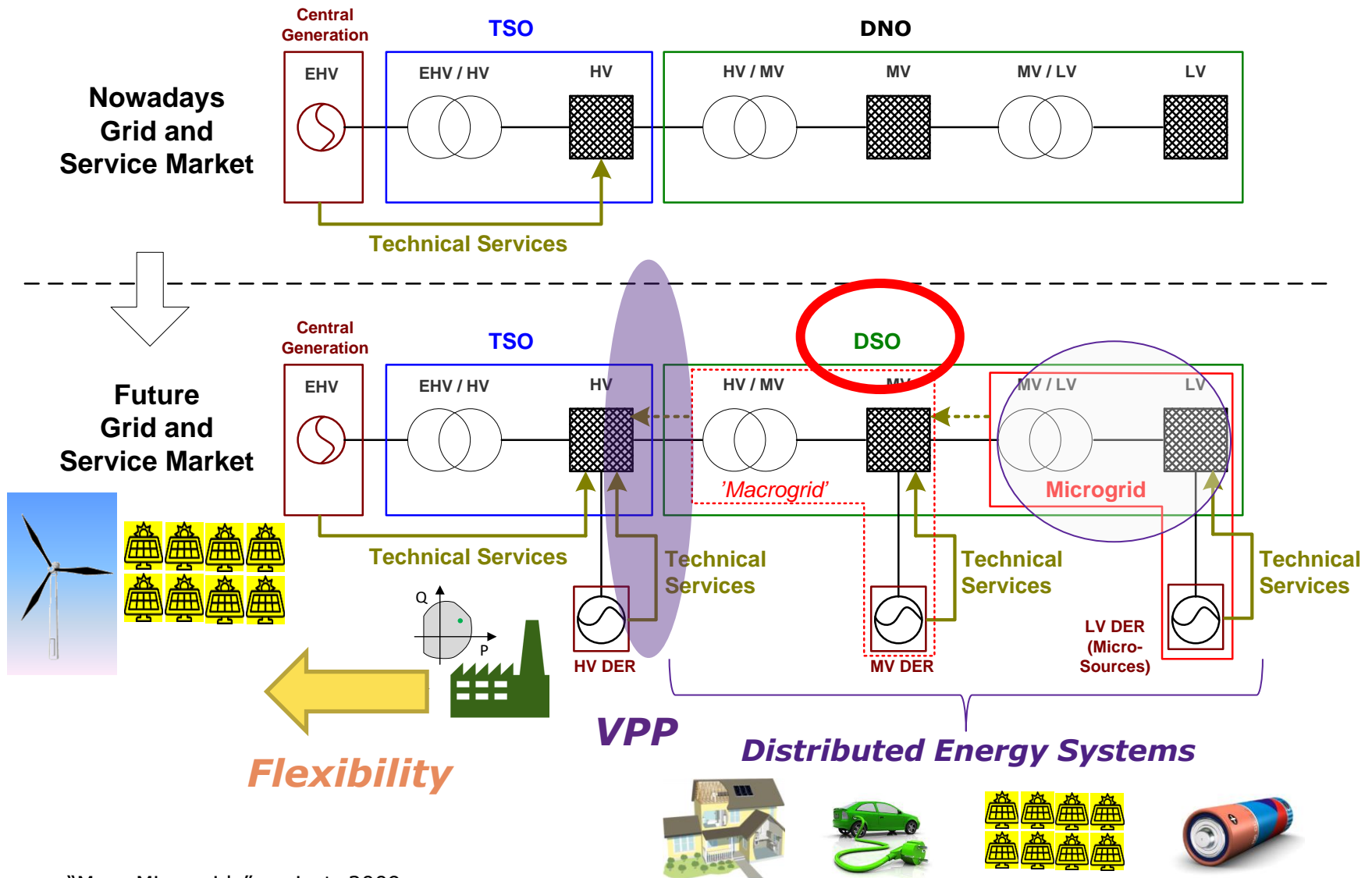


Historical provision of flexibility and grid services

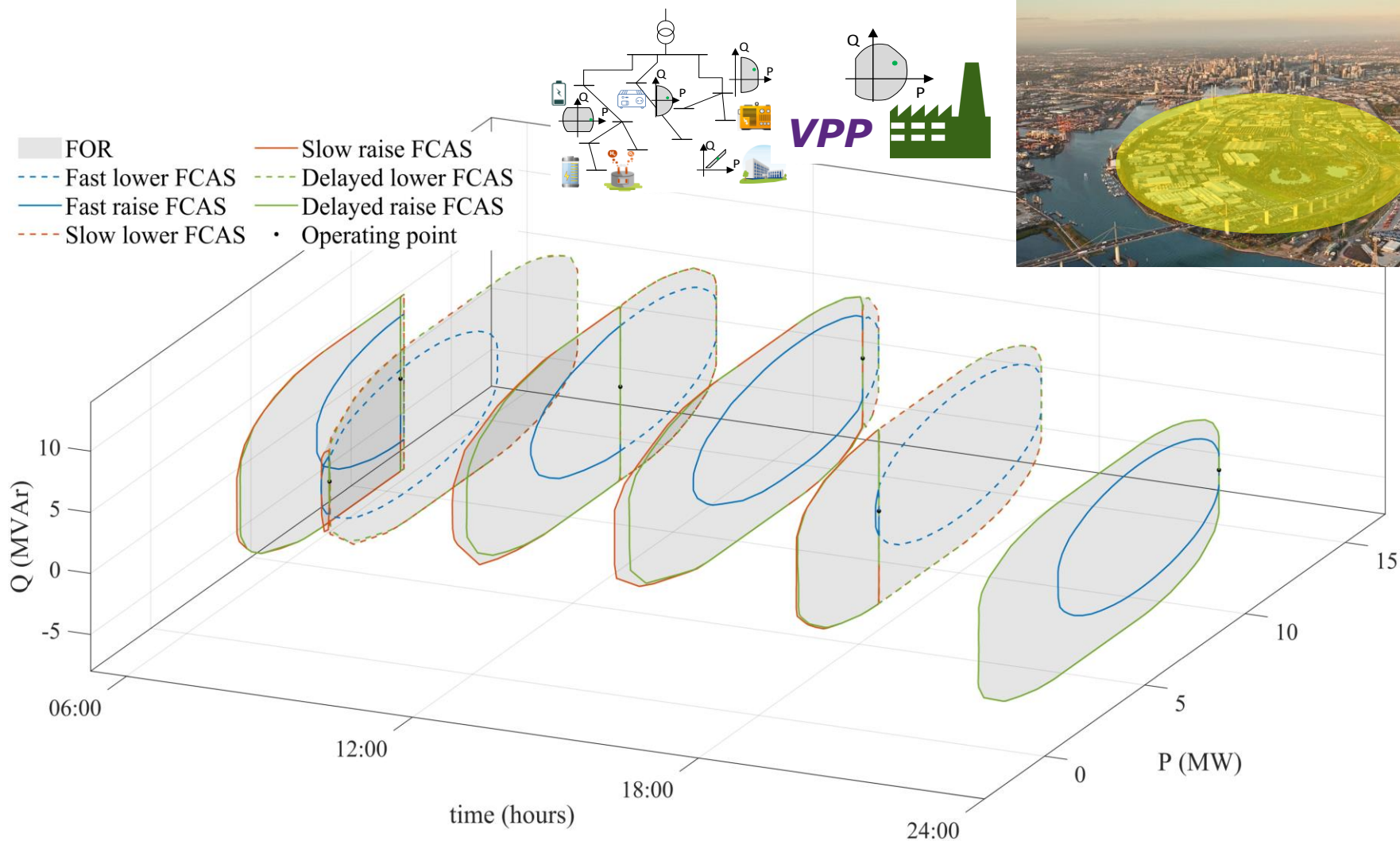


New sources of flexibility and grid services



Source: "More Microgrids" project, 2009

Flexibility and grid services from the Fishermans Bend VPP



H. Wang, S. Riaz, P. Mancarella, "Integrated Techno-economic Modeling, Flexibility Analysis, and Business Case Assessment of an Urban Virtual Power Plant with Multi-market Co-optimization", *Applied Energy*, 2020