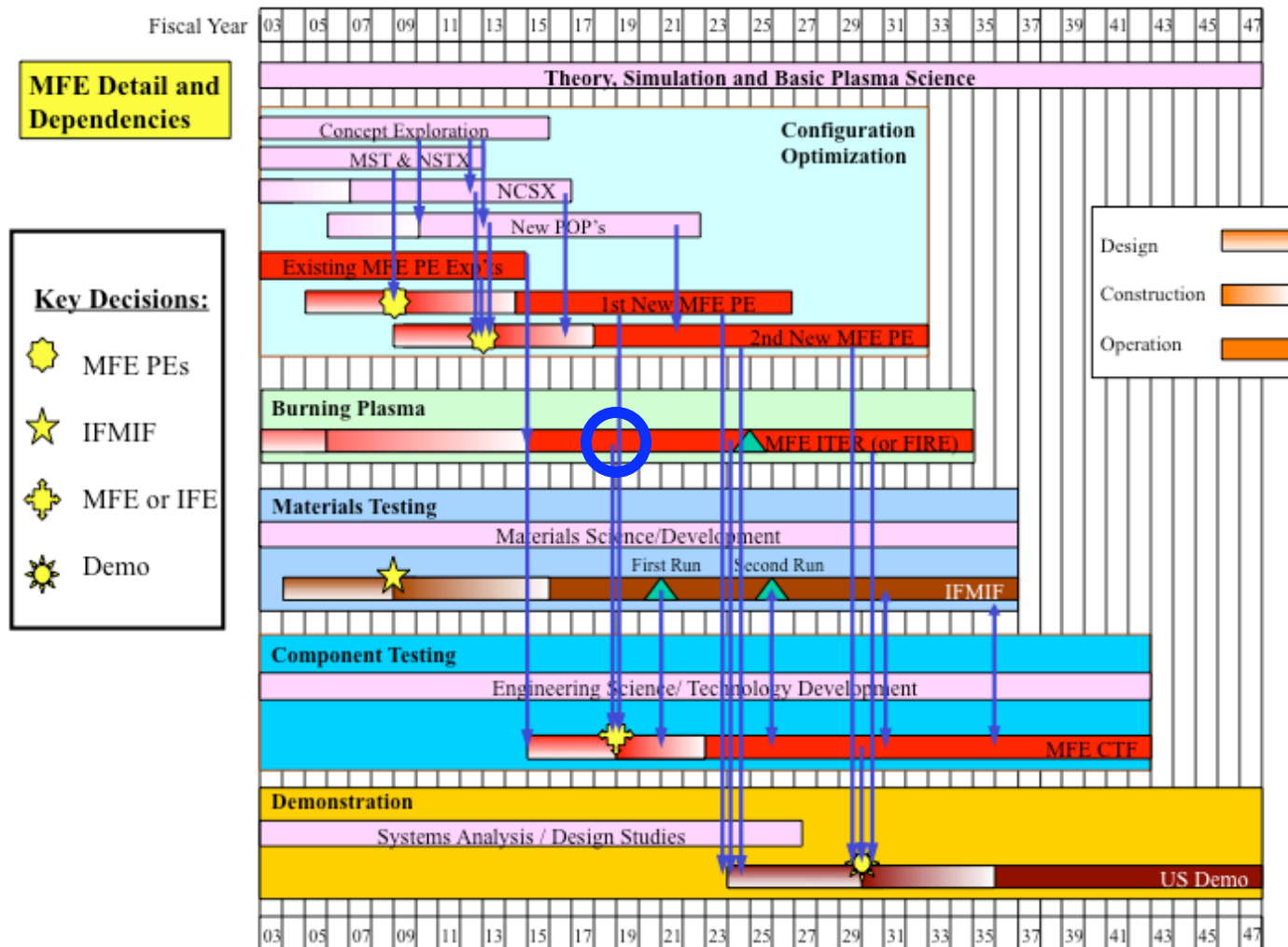
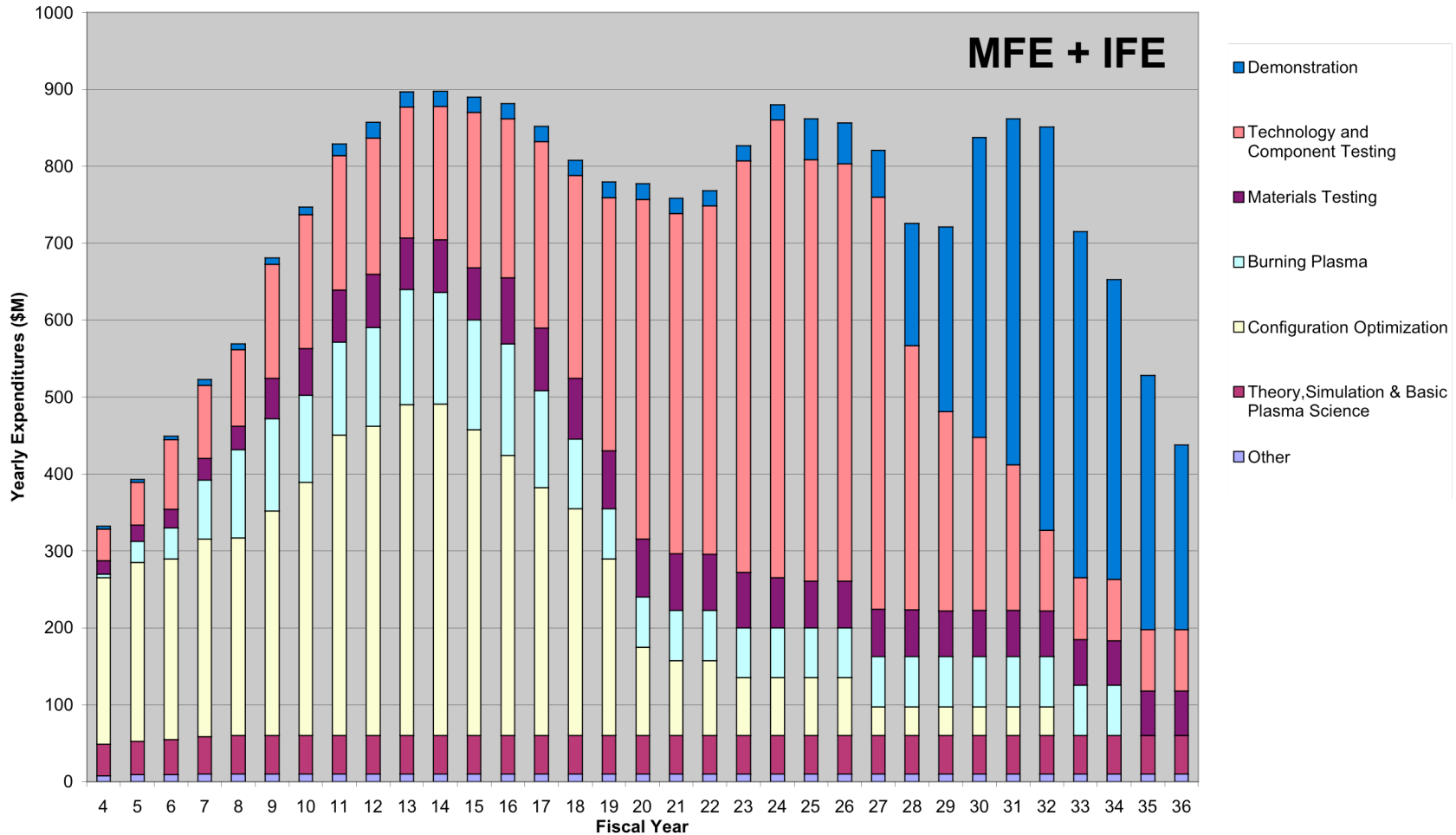


# Facility Linkages per FESAC Development Path



PoPs support ~2 new MFE PE's; 1<sup>st</sup> new PE supports CTF; 2<sup>nd</sup> Demo  
 ITER Q = 10, 400s triggers CTF construction (2019 → 2026 now)  
 IFMIF provides materials for CTF; starts 7 years before CTF

# Necessary Investments per FESAC Development Path



**MFE Technology & Materials, 2009 – 2019: ~\$205M/year (\$2008)**  
**28% Plasma Technology; 32% Fusion Technology; 27% Materials; 13% IFMIF**  
**Configuration Optimization includes IFE**