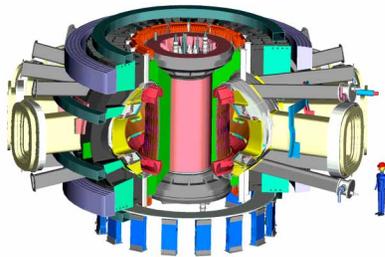


ITER and FIRE are Each Attractive Options (FESAC)

Primary Burning Plasma Experiments (same scale)



FIRE (\$ 1.2B - 1.4 ktonne)

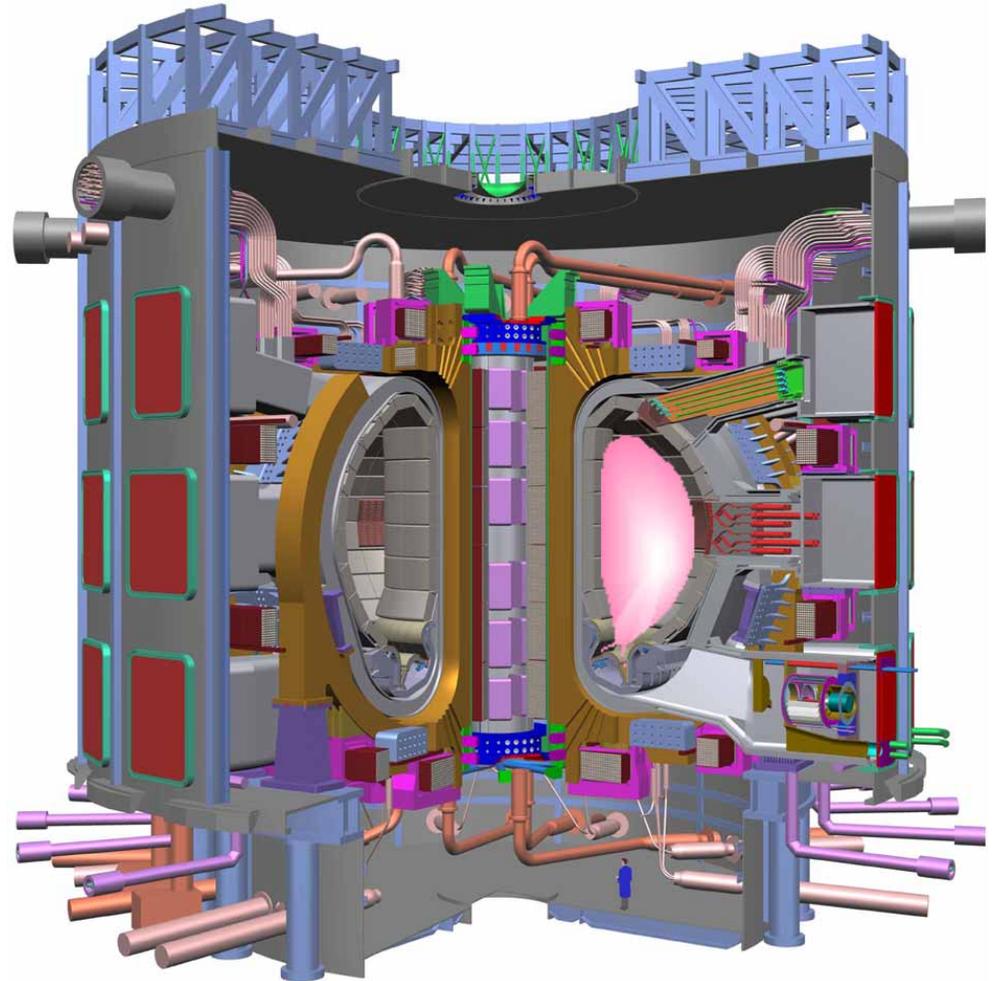
Conventional Operation

$Q \sim 10$ @ 86% J(r) equilibration
(FIRE and ITER)

Advanced Operation

$Q \sim 5$, $f_{bs} \sim 80\%$, $\beta_N \sim 4$ @ 98% equil.
(FIRE)

$Q \sim 5$, $f_{bs} \sim 50\%$, $\beta_N \sim 3$ @ 99.9% equil.
(ITER)



ITER (\$ 5B - 19 ktonne)

A strategy that allows for the possibility of either burning plasma option is appropriate. (FESAC)