

Toward Hydrogen Economy in Japan

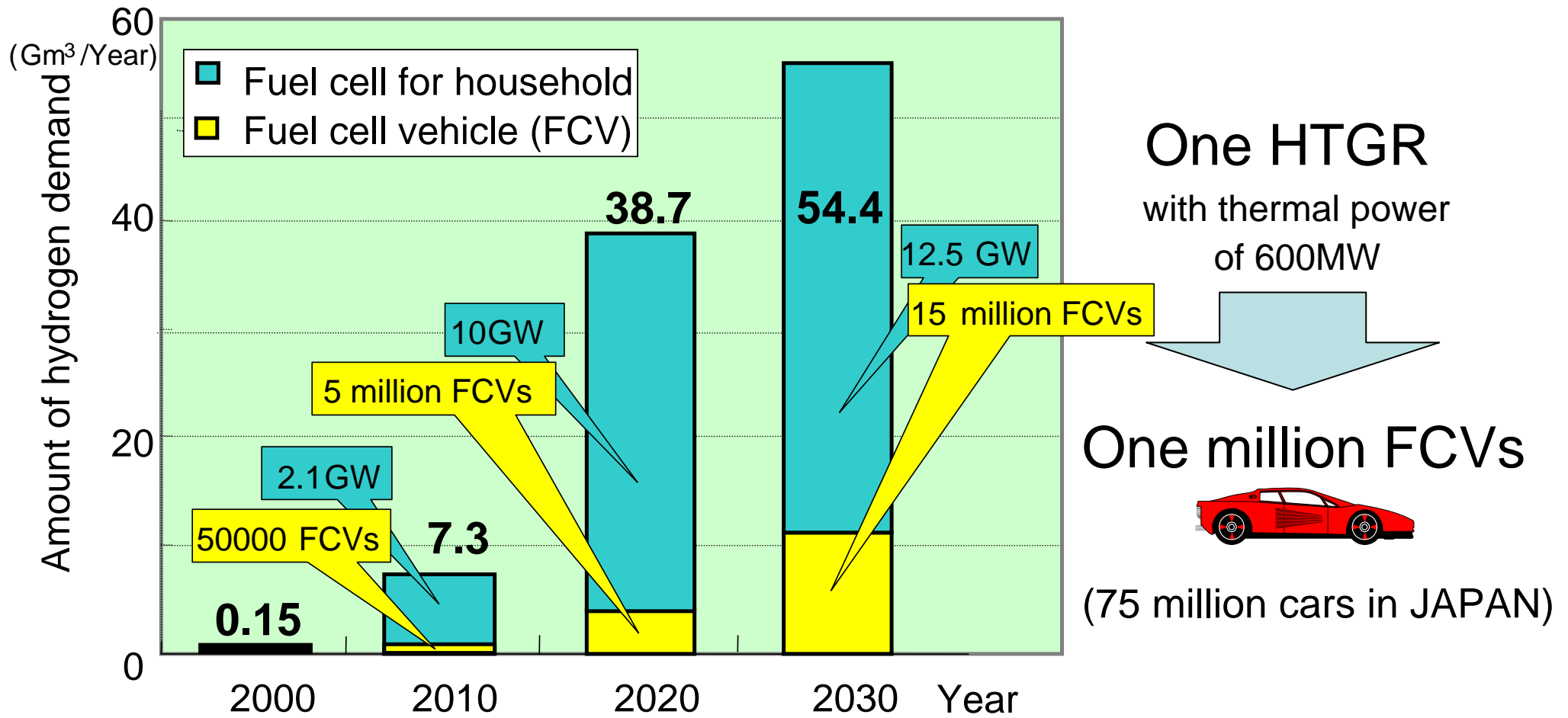
Masuro OGAWA
JAEA

International Conference on Non-Electric Applications of Nuclear Power,
16-19 April 2007, Oarai, Japan

HTGR Demands for Hydrogen Production

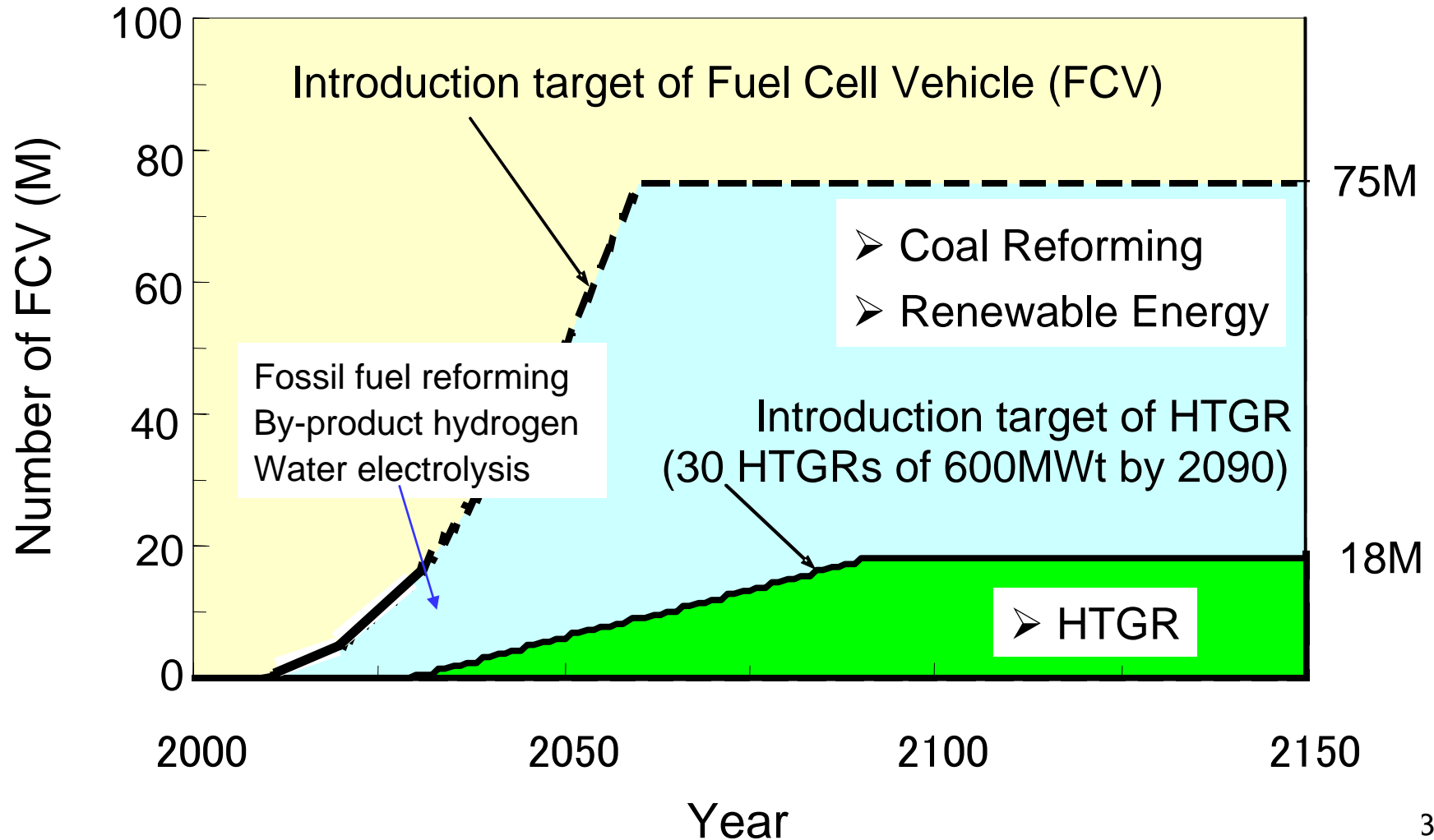
- Future Demands of Hydrogen -

■ Target for introduction of fuel cell vehicles (FCVs) to market

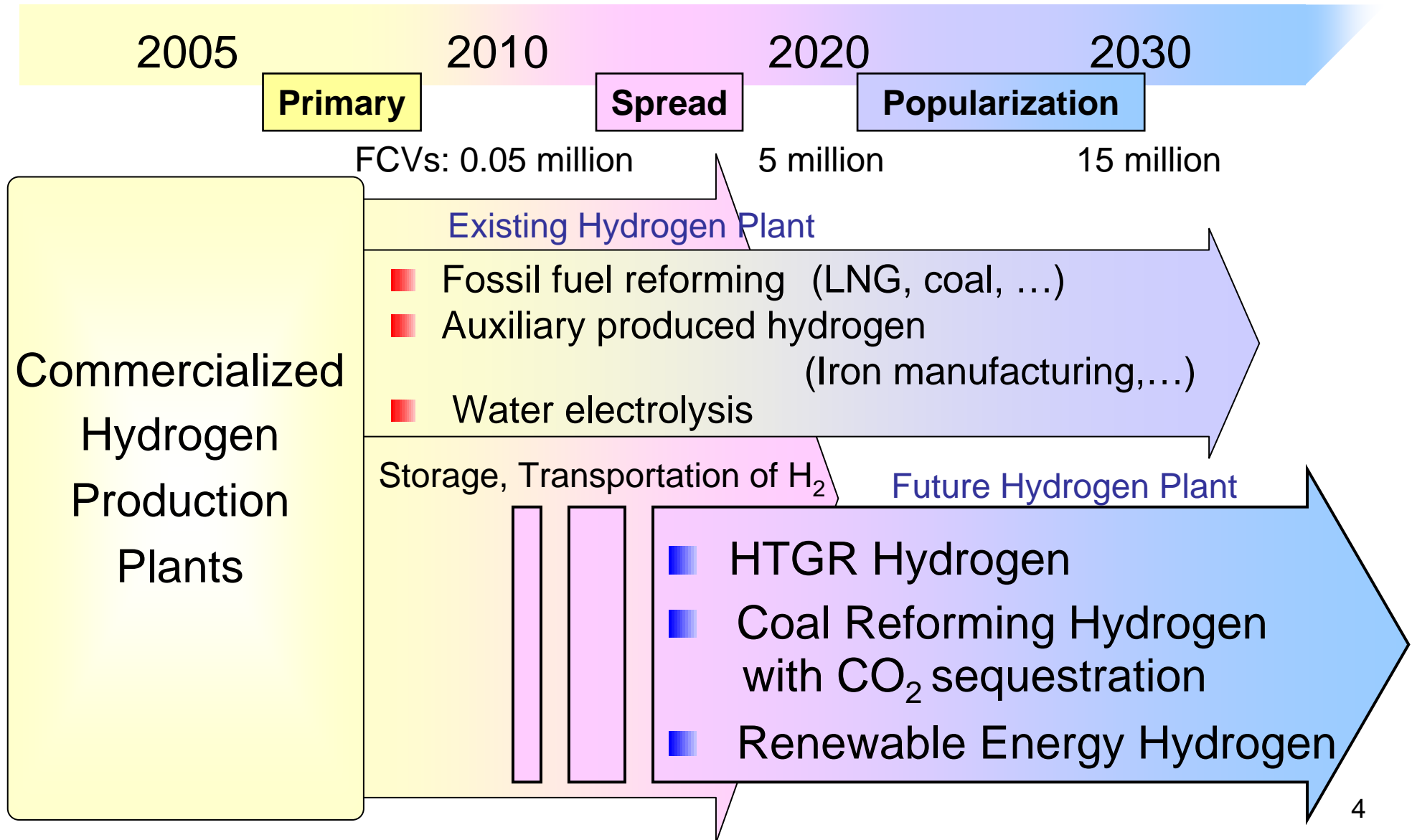


(Source: WE-NET Report & MEXT home page)

Prospective of Future HTGR Hydrogen Plants - Introduction Target of FCV and HTGR -

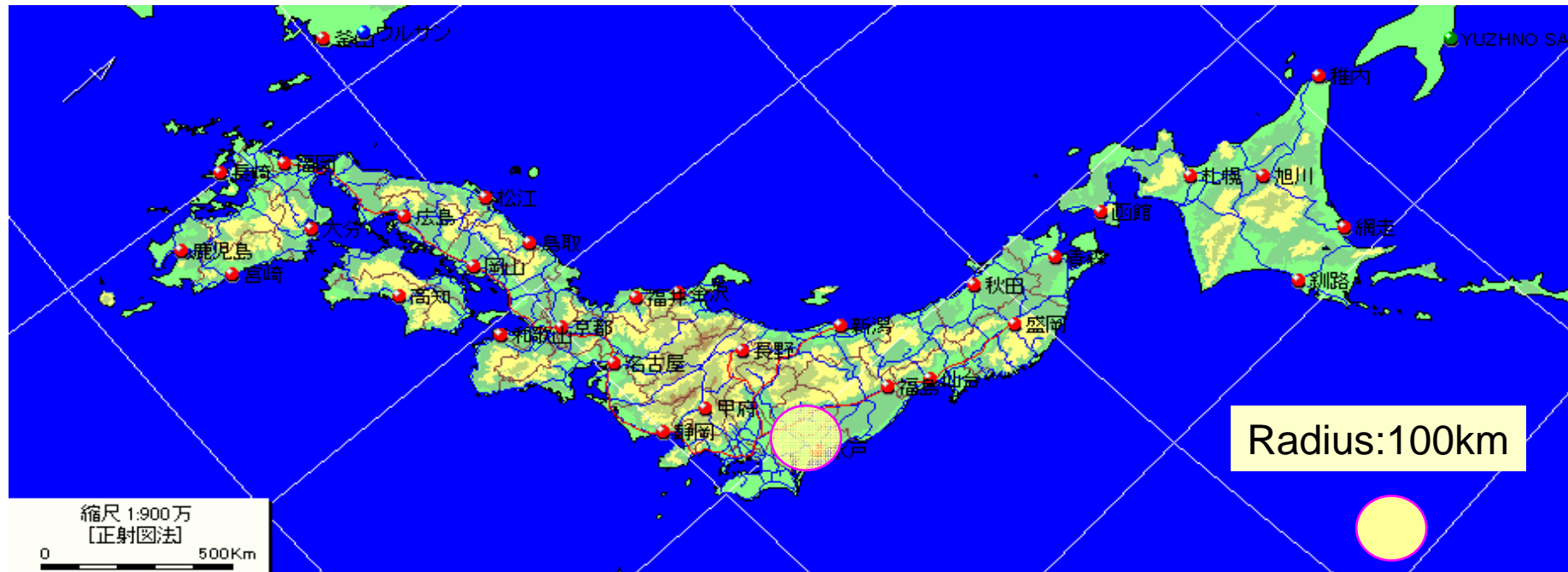


Initial and Transitional Stages



Supply of Hydrogen

- Transitional stage; With H₂ tank trucks
- Future stage ; With hydrogen pipes



Hen-versus-egg argument

- Who make hydrogen and/or infrastructure?
→ Hydrogen production-versus-infrastructure