



**Sustainability measures
within the Healthcare setting
will compromise the Quality
of Healthcare**

The Pragmatic Doctor's View

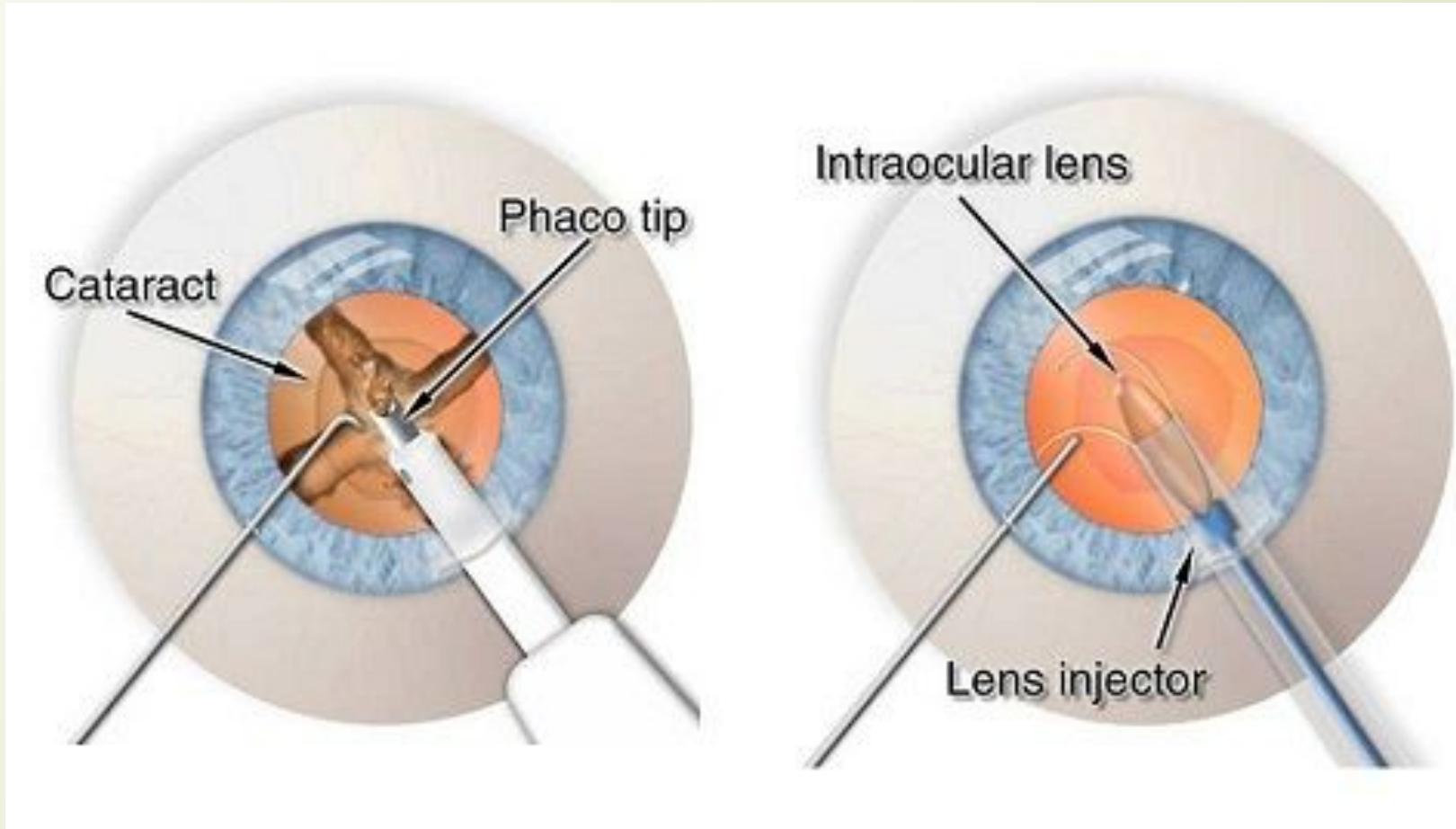


5 tonnes of CO₂



Cataract Surgery

- The carbon footprint for one cataract operation was 181.8 kg CO₂ eq.
- 41 kg carbon dioxide equivalents (CO₂e) to 130 kg CO₂e per phacoemulsification.
- Carbon footprint of intraocular lens – not quantified
- NUHS performs >3000 cases per year



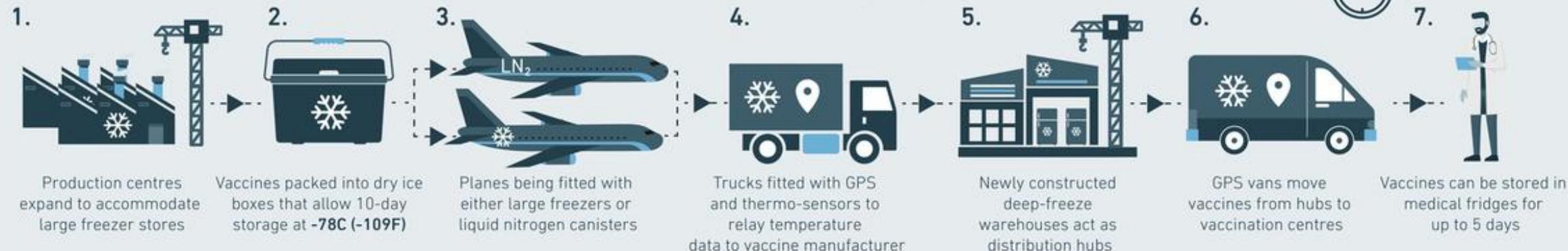
Holy Trinity – Cheap, Fast, Good

□ Singaporeans understand the value of \$1



COVID-19 VACCINE SUPPLY CHAINS

Cold chain 1: mRNA Vaccine



Cold chain 2: Viral Vector Vaccine



Sustainable “green” healthcare

4-5% of global
Greenhouse
Gases (GHG)



King Canute



An exercise in futility

What makes
up the other
95-96% of
GHG?

What makes up the other 95-96% of GHG?

Fossil Fuels

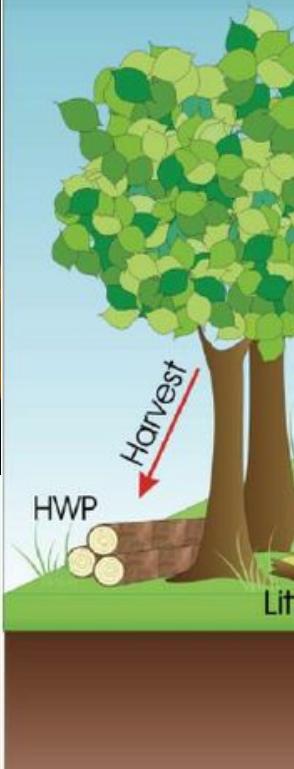
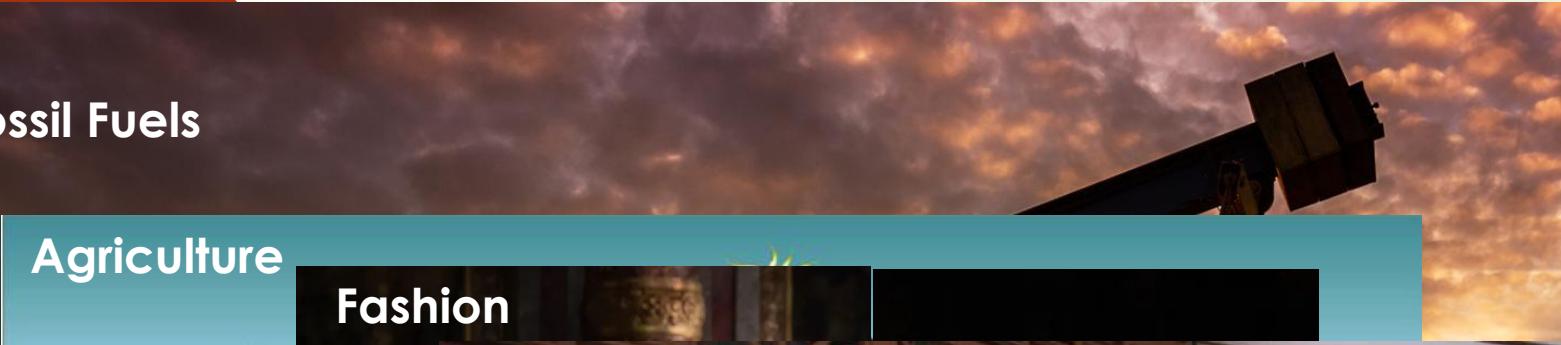
Agriculture

Fashion

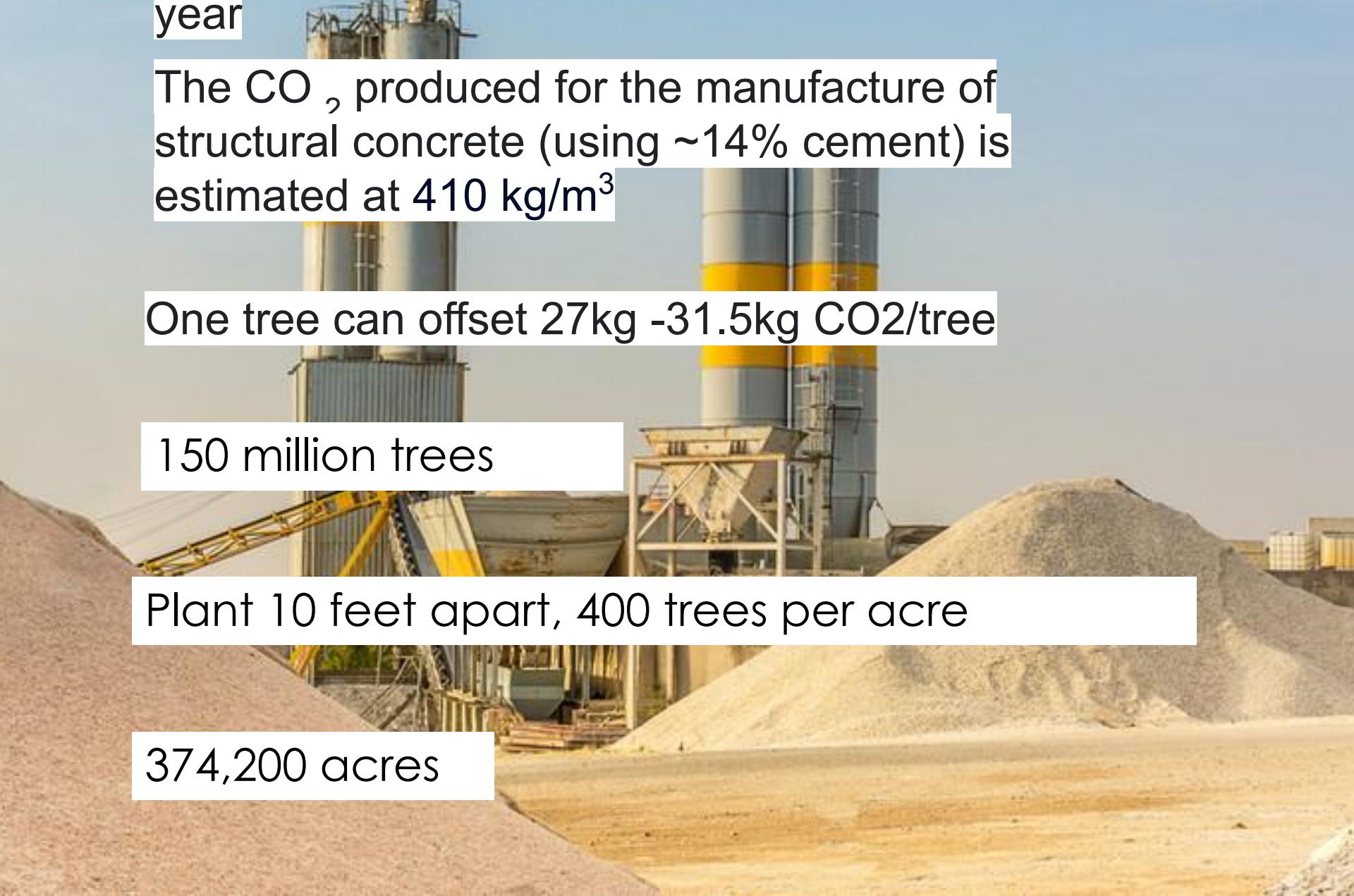
Food Retail

Transport

Construction







an average of 11.5 million m³ of concrete per year

The CO₂ produced for the manufacture of structural concrete (using ~14% cement) is estimated at 410 kg/m³

One tree can offset 27kg -31.5kg CO₂/tree

150 million trees

Plant 10 feet apart, 400 trees per acre

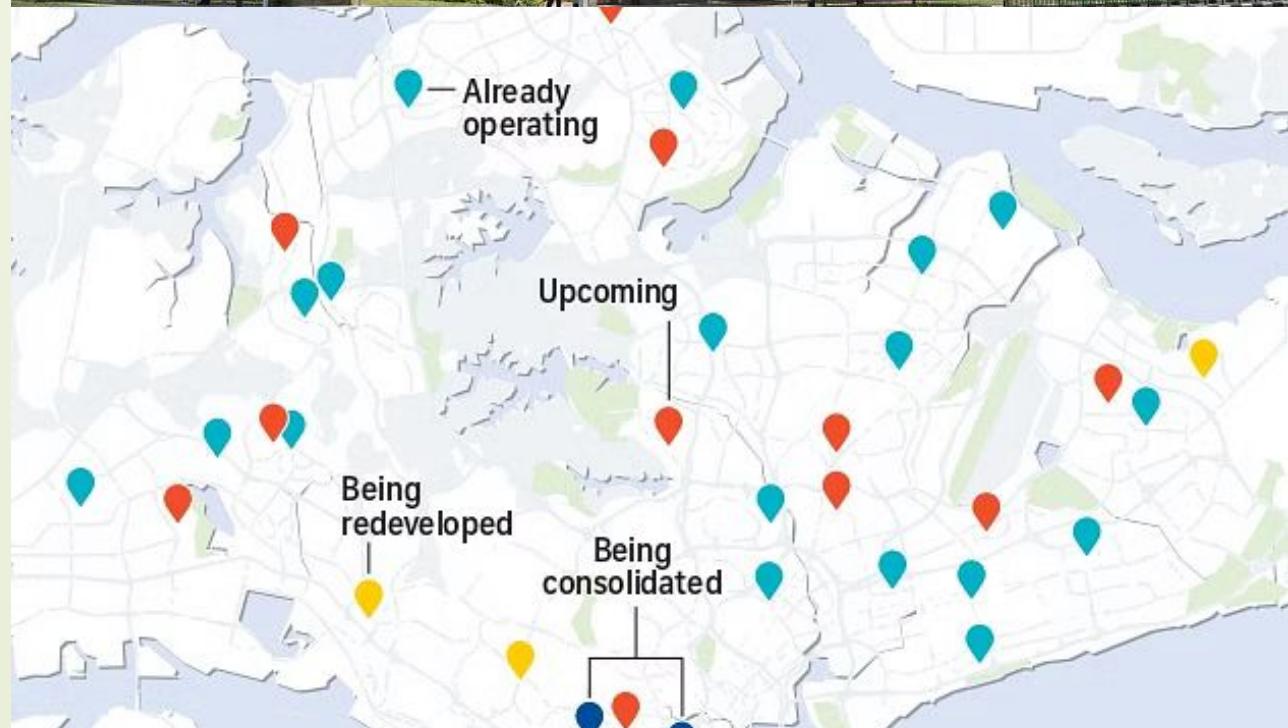
374,200 acres



734.3 Km² = 181,500 acres



By 2030:
12 new polyclinics



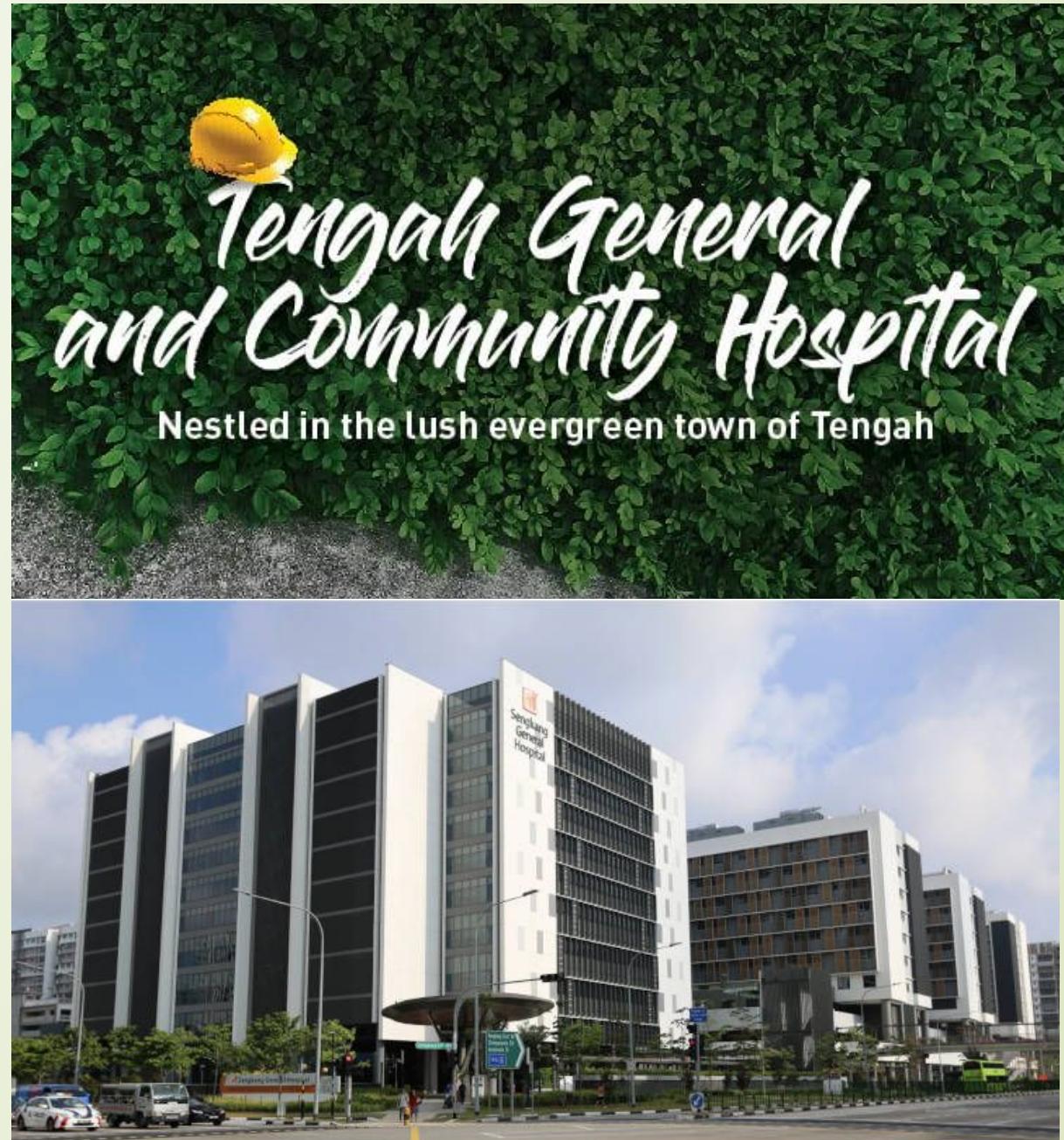
Since 2015, Singapore has opened 13 new hospitals and specialty centres

- NTFGH
- JCH
- Sengkang General hospital
- Sengkang Community Hospital
- **Woodlands Health Campus**
- TTSH - Integrated Care Hub
- New National Cancer Centre
- New National Skin Centre
- Yishun Community Hospital
- Outram Community Hospital
- CGH Medical Centre
- National University Centre for Oral Health
- National Centre for Infectious Diseases (NCID) & Centre for Healthcare Innovation (CHI)



....and by 2030.....

- Eastern Integrated Health Campus
- SGH Elective Care Centre & New National Dental Centre Singapore (NDCS)
- SGH Emergency Medicine Building
- Tengah General Hospital and Community hospital
- Alexandra Hospital redevelopment
- National University Hospital Redevelopment





So, all this construction, all this concrete, we know it's not environmentally friendly, but is it good for healthcare?????

□ Of course it is !!!!

□ Why?



**Singapore has
an
increasingly
elderly
population**



**and the “Gahmen” says we
need it !!!**



Sustainability measures within the Healthcare setting will compromise the Quality of Healthcare

- If you vote against the proposition, you are saying
- You don't want the **best treatment** in the **speediest** manner
- You would rather go blind, lame or **DIE !!!!**
- You don't want new healthcare facilities.....
-and the government is wrong!!!



So, do your **patriotic**
duty

**Vote "YES" to the
proposition**

