

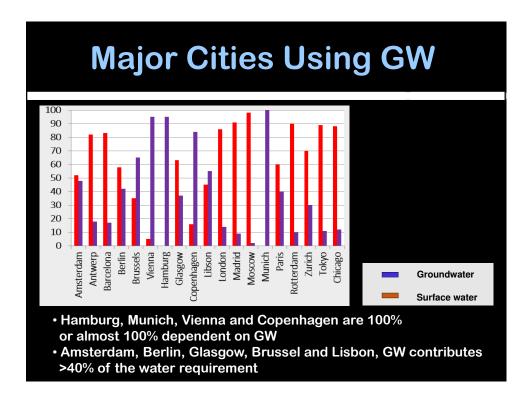
GW Abundant And Good

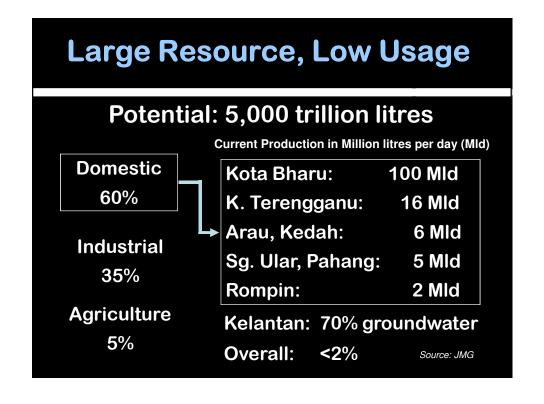
- · Bulk of world fresh water
- 100 x more than surface water
- · Renewable resource
- Continuously flowing
- Free of suspended sediments
- Good or "mineral water" quality (depends on host rock)





Condensation Well Unsaturated Zone Water Table Staturated Zone Shallow Aquifer Confining Layer Deep Aquifer Deep Aquifer Deep Aquifer Control of the Control of the





Business Potential

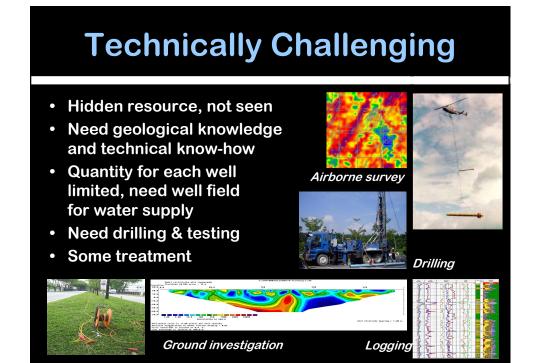
- "As is where is" reduce cost of reticulation and loss in NRW
- One well, 1 mld, can serve 5,000 people
- Provide water security for public, manufacturers, army
- "Mineral water" quality
- · Reduce treatment cost
- · Less chemical to environment
- · Sustainable, not affected by weather
- · Small footprint, less land required
- Rapid deployment

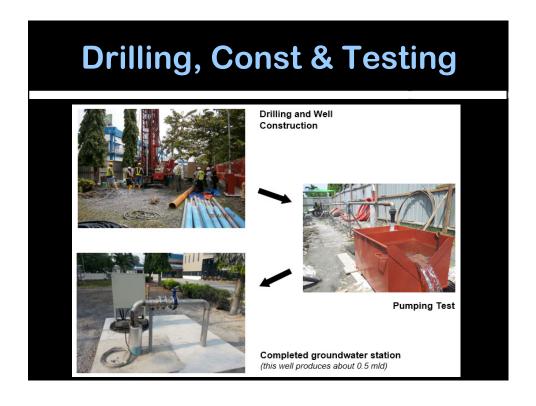


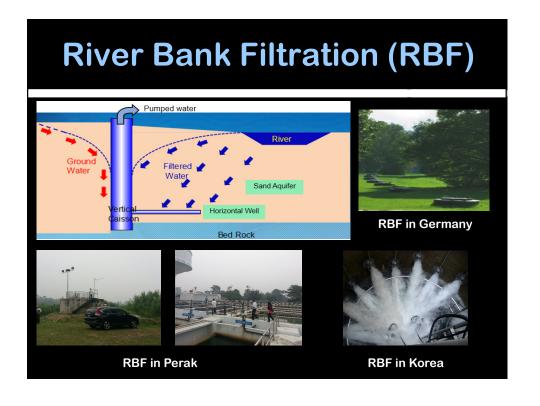
A completed well

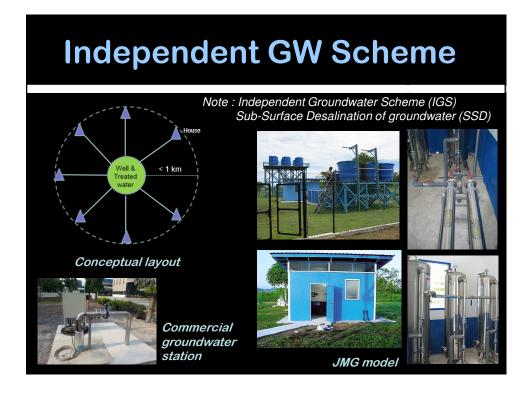


10 m³/hr treatment





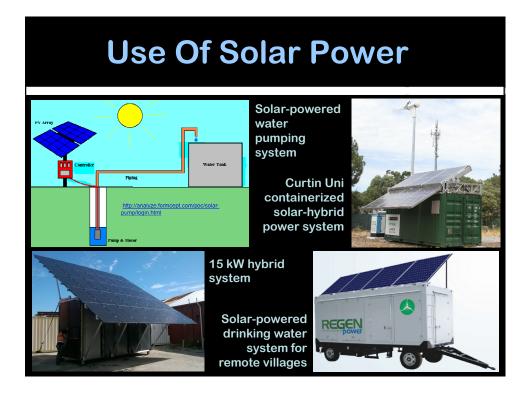




Subsurface Desalination

- SSD: an advanced technology where wells drilled into brackish water can produce fresh water
- Suitable for island and coastal water supply





Industries Using GW

Semi-conductors & Electronics:	12
Construction & Development:	11
Steel Mills & Factories:	5
Textile & Garments:	5
Rubber Gloves:	9
Paper Mills:	5
Palm Oil Mills:	6

Industries Using GW

Food & Beverages:	1
Livestock Breeding & Abbatoirs:	8
Pharmaceuticals & Petrochemicals:	7
Recycling & Plastics:	3
Plantation & Estates	4
Rural Water Supply & Golf Clubs:	4
Special Projects:	5

Moving Forward

- RBF model for better quality and uninterrupted water supply
- IGS model for new development areas
- IGS model + solar power for rural water supply
- SSD model for island and coastal water supply (+ solar power)
- Change mindset water security, gw substation, piping for untreated gw
- New uses fire fighting, mini-hydro, gw streams