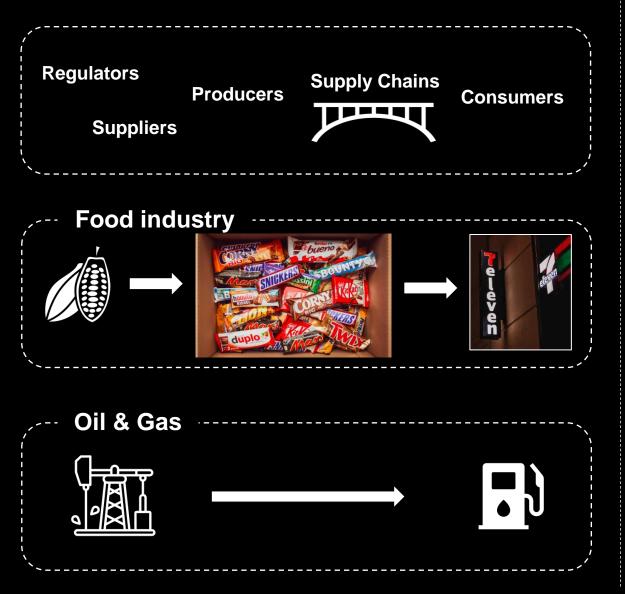
## Hydrogen Supply chains Enabling Green Hydrogen For Everyone, Everywhere

# NGL

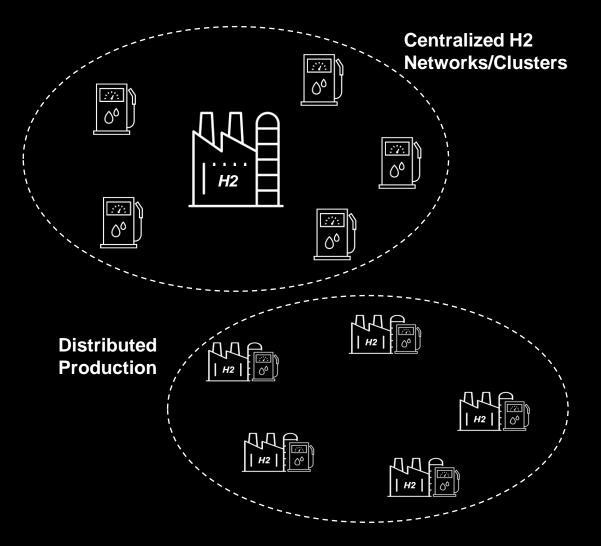
### **Ecosystem**

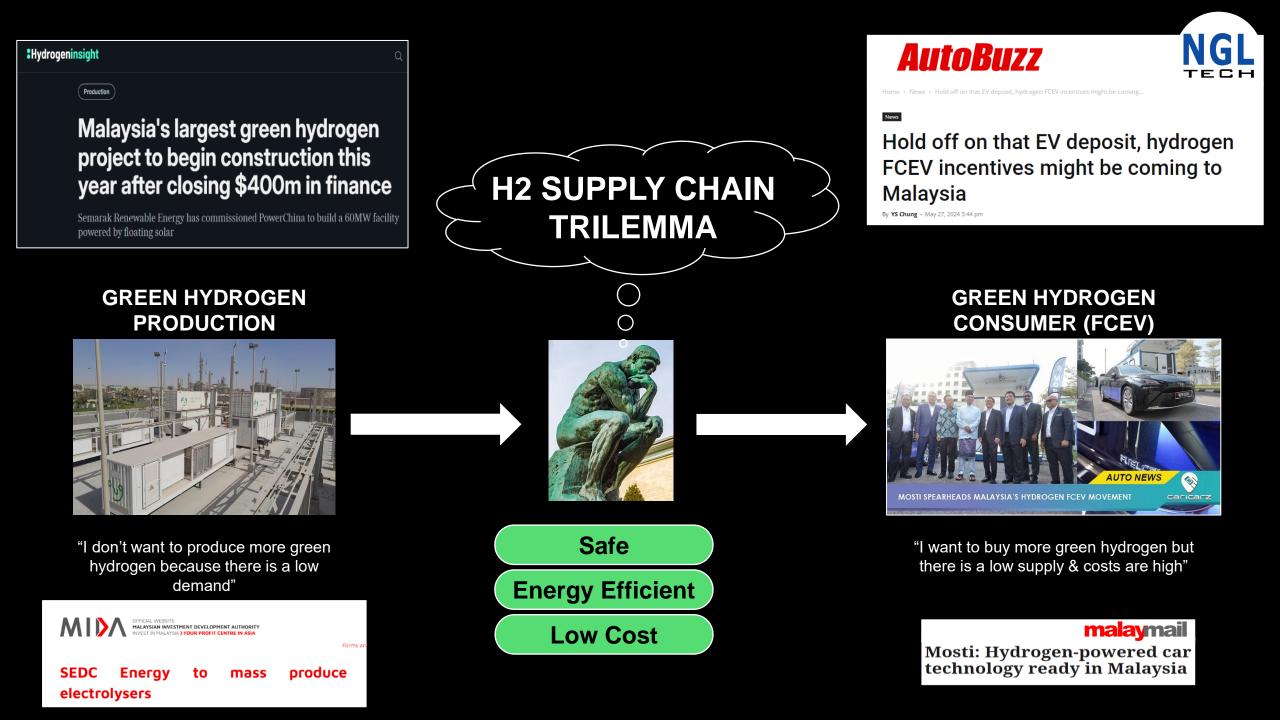


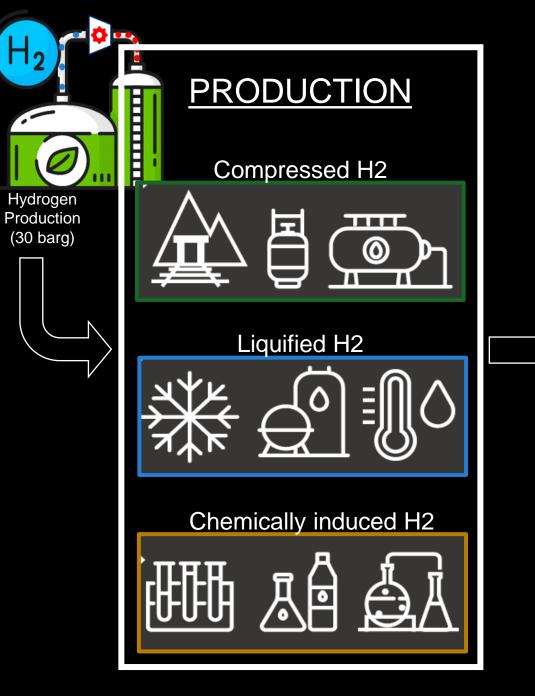
### **Business models**

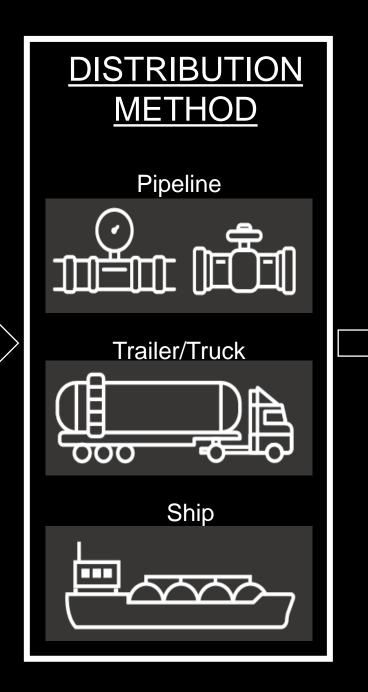


In the absence of robust H2 supply chains, business models have adapted with the proliferation of small electrolyzes











Hydrogen Utilization (700 barg)

## H2 SUPPLY CHAIN TRILEMMA



## GH2 Production

GREEN HYDROGEN PRODUCTION



"I don't want to produce more green hydrogen because there is a low demand"



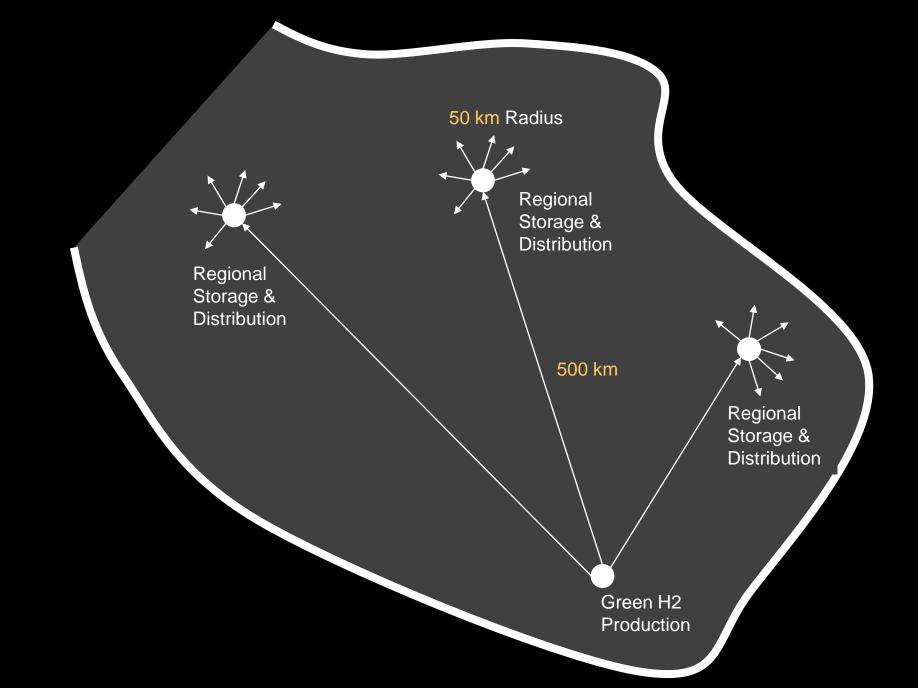
# GH2 Utilization

#### GREEN HYDROGEN CONSUMER (FCEV)

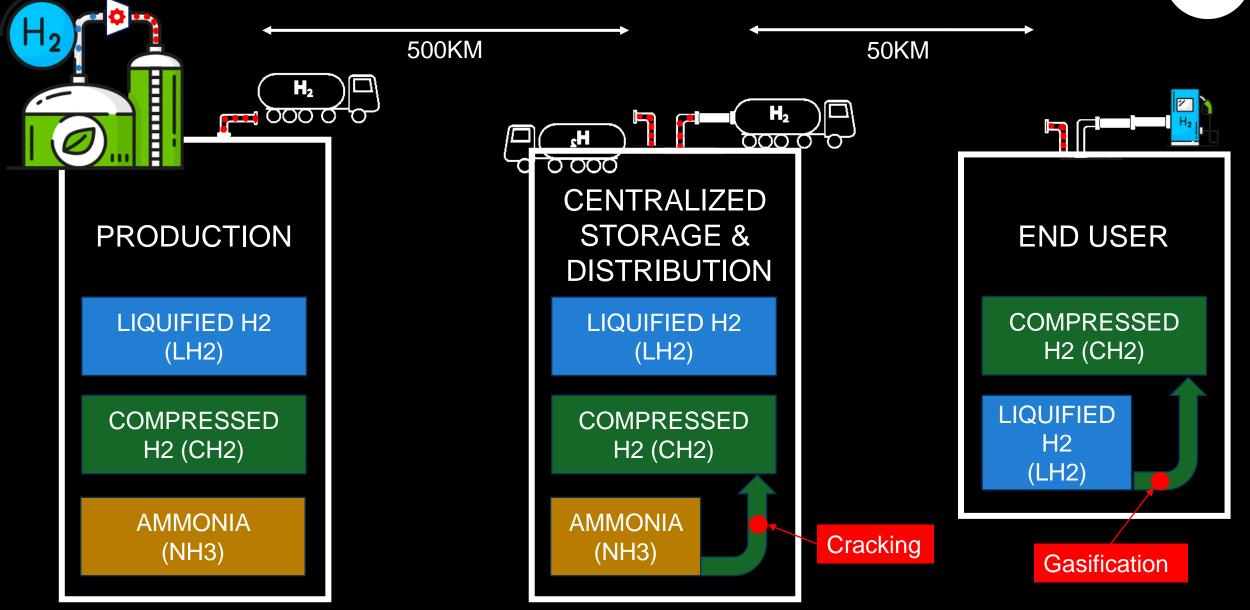


"I want to buy more green hydrogen but there is a low supply & costs are high"



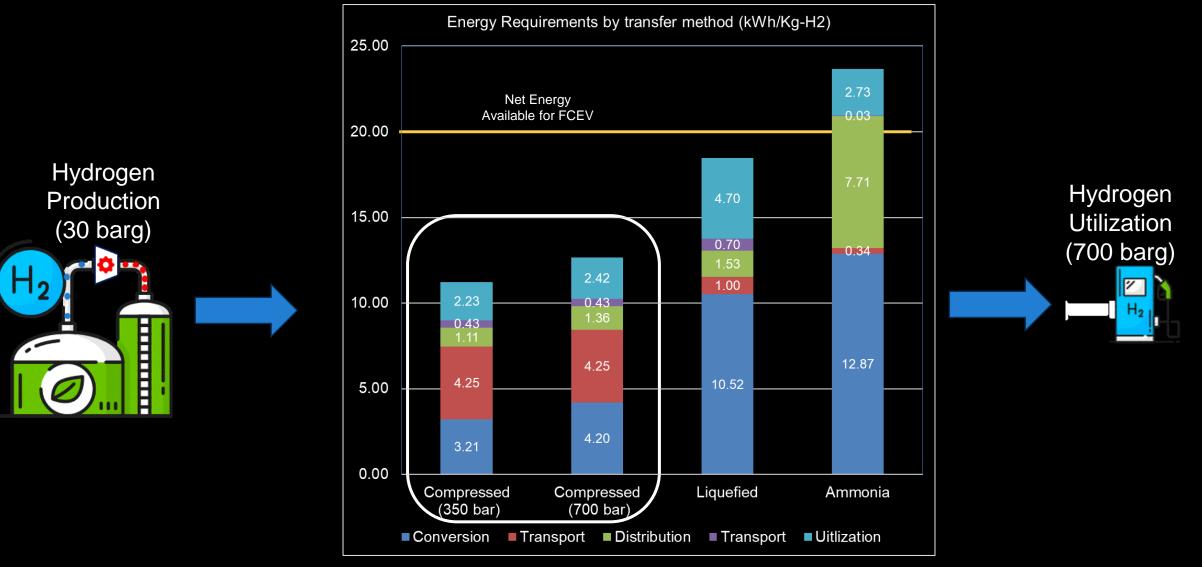






## Comparison of Current Storage, Transfer & Transport Modes



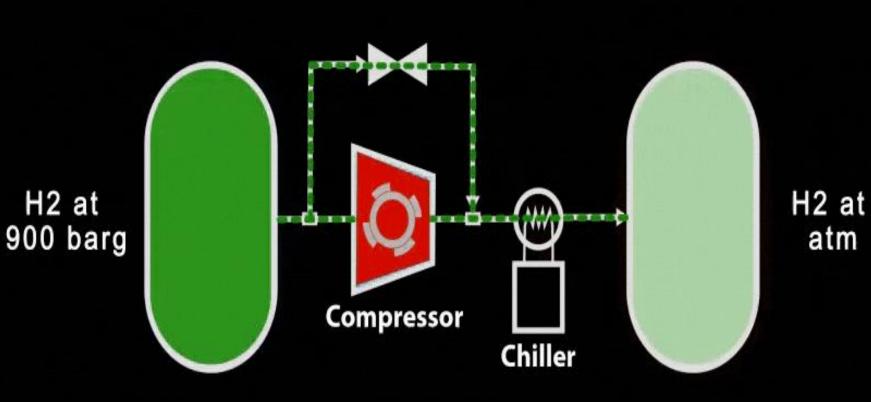


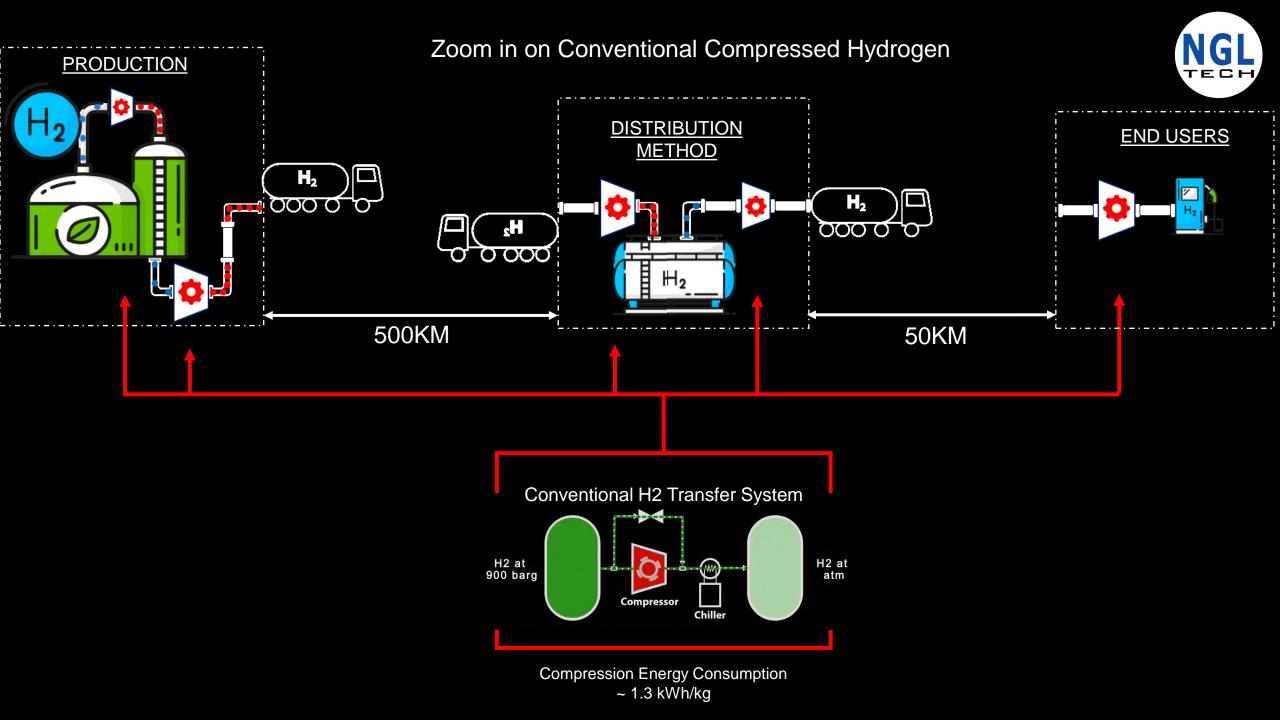
#### Zoom in on Conventional Compressed Hydrogen

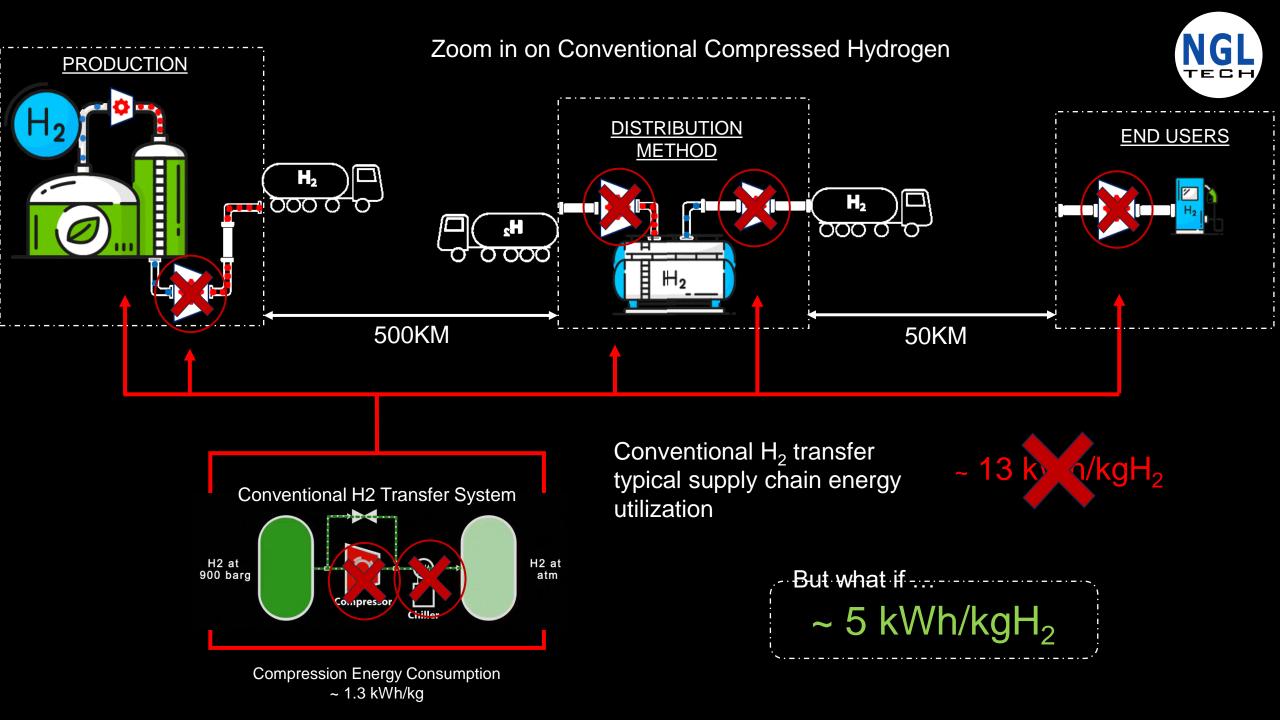


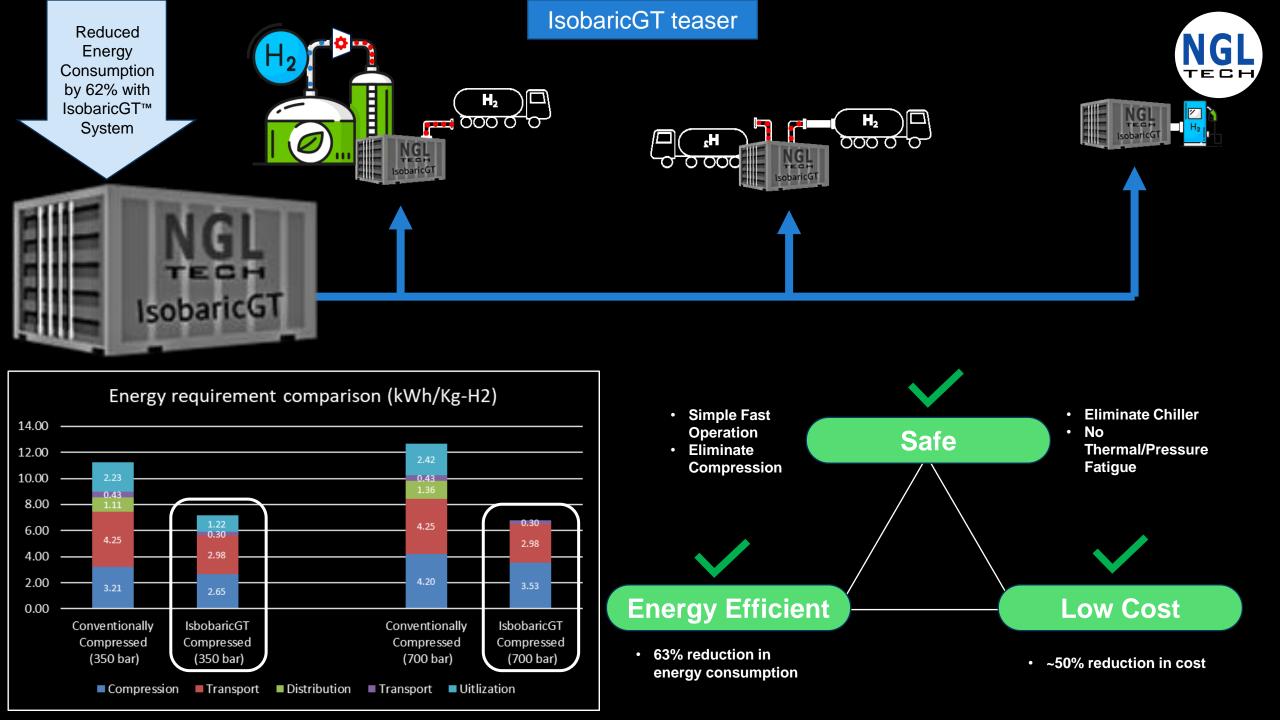
ISSUES WITH CONVENTIONAL HYDROGEN COMPRESSION TRANSFER

- 30 TO 40% DEAD VOLUME
- HIGH POWER CONSUMPTION
- LOW SPEED GAS TRANSFER
- TEMP. & PRESS
  FLUCTUATIONS
- THERMAL & PRESS FATIGUE
- COMPLEX SYSTEM
- HAZARDOUS OPERATION









## Scan to get in touch!





Thank you!

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