2023 Innovation China Micro-Conference

创新中国微型论坛 Jiangsu & Hunan, China | 13-14 Nov 2023



Shanghai Emerging Industries Foundation 上海战略新兴 产业发展基金会



# Momentum Tomentum

13-14 Nov 2023

Day 1 - 'Materials in Hydrogen Economy | 氢能材料' Guofu Hydrogen 国富氢能

2 - '3<sup>rd</sup> Generation Semiconductors | 第三代半导体' Global Power Technology 泰科天润 2023

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## Momentum

'Materials in Hydrogen Economy' 氢能材料论坛 13 Nov. 2023, Guofu Hydrogen 国富氢能

## Opening address by CM Venture 遨问开场致辞

9:00 - 9:10am

#### 周敏博士,遨问创投 Dr Zhou Min, CM Venture

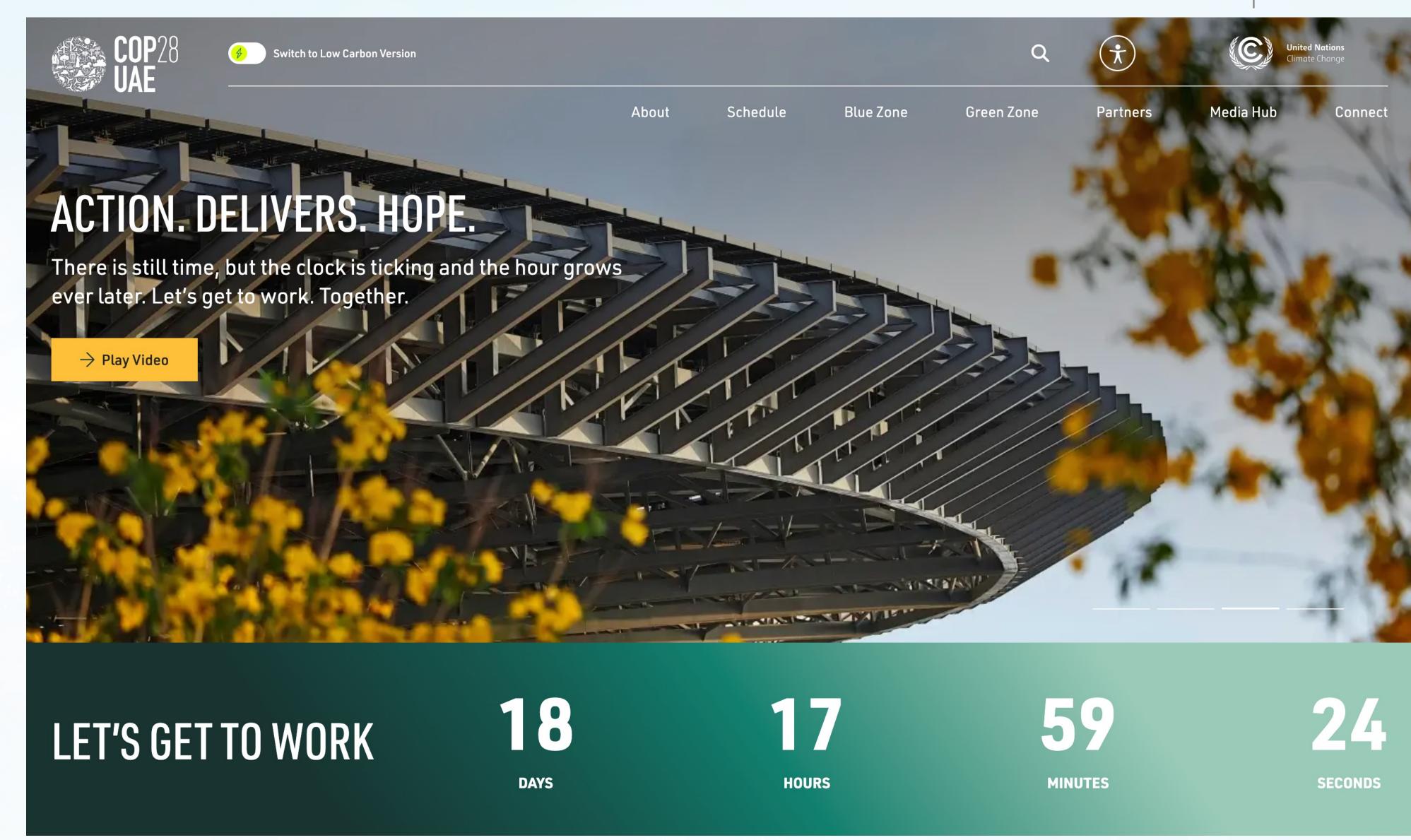
Executive Vice Director of Shanghai Strategic Emerging Industry Development Foundation (SEIF), CM Venture Founder/CEO

上海战略新兴产业发展基金会常务副理事长

上海遨问创投创始合伙人/CEO



Guofu Hydrogen's
electrolyzer will be
powering hydrogen cars
at COP28

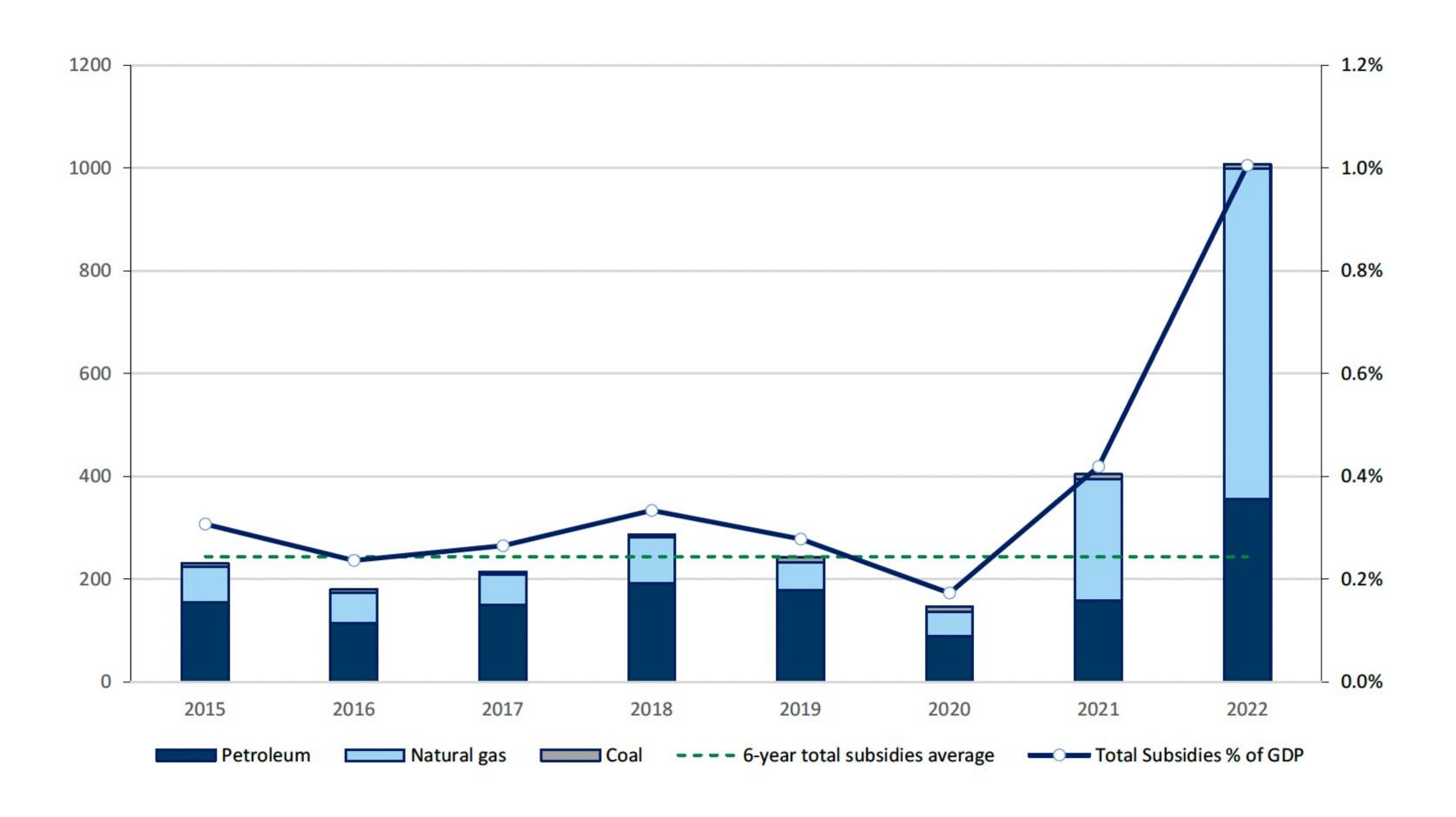






Big rise in fossil fuel subsidies in 2022: In October 2022, the UNFCCC stated that the latest climate pledges could put the world on track for a 2.5°C scenario by the end of the century

Exhibit 15: Fossils fuels subsidies amounted to a record \$1 trn in 2022, driven by energy security, largely owing to prioritization of energy reliability/affordability in response to the Russia-Ukraine war Breakdown of explicit subsidies per fossil fuel (\$ mn)



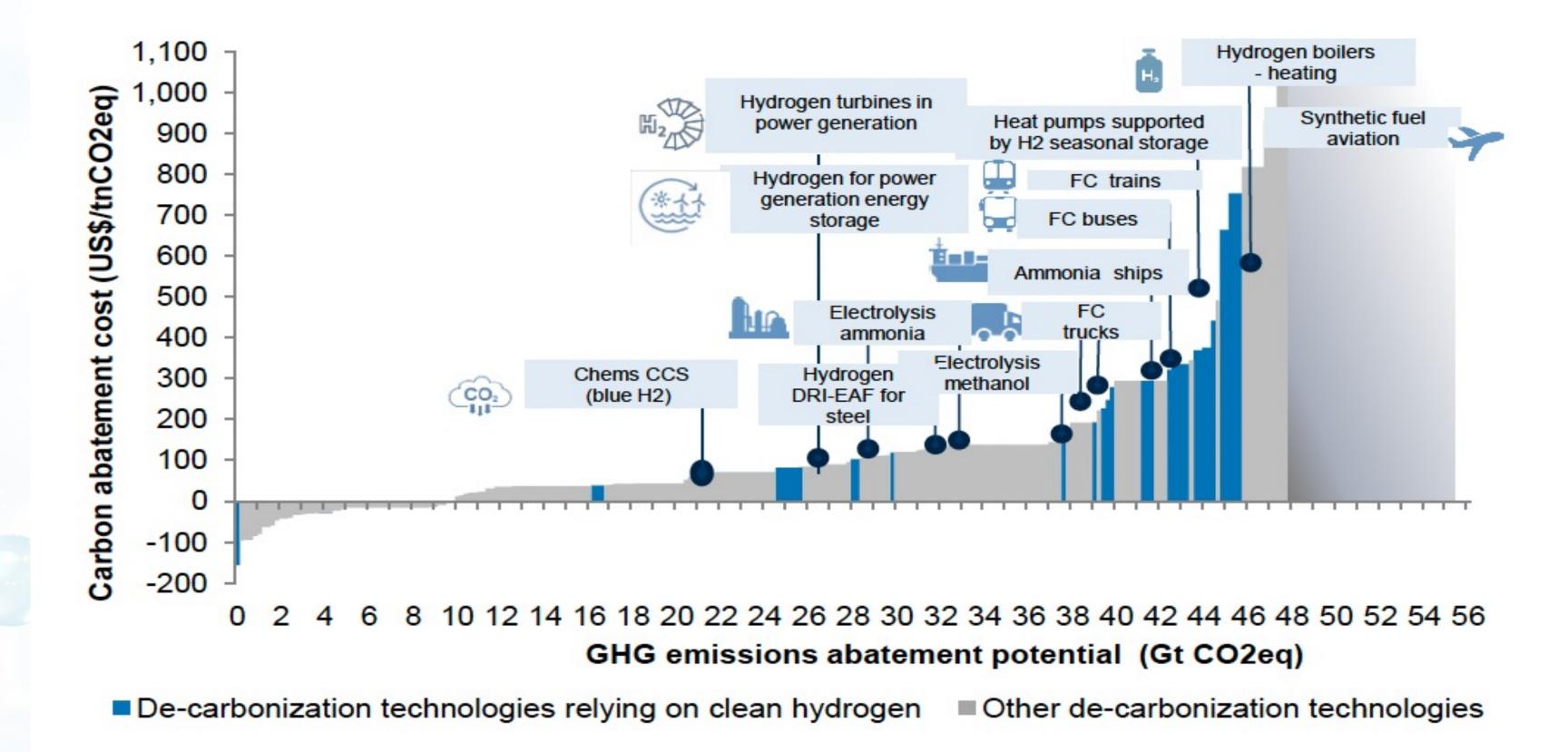
Source: IMF





## Exhibit 35: We estimate that c.15% of global GHG emissions could be abated through technologies that rely on clean hydrogen

Hydrogen is a big part of carbon abatement



Source: Goldman Sachs Global Investment Research







Air Liquide, Official Hydrogen Supporter of Paris 2024

Find out more



#### **HYDROGEN ENGINES**

Have questions about hydrogen engines? Start here for simple answers and dive deeper for additional hydrogen engine insights.

#### J GUOFUHEE



#### Heraeus

**Precious Metals** 

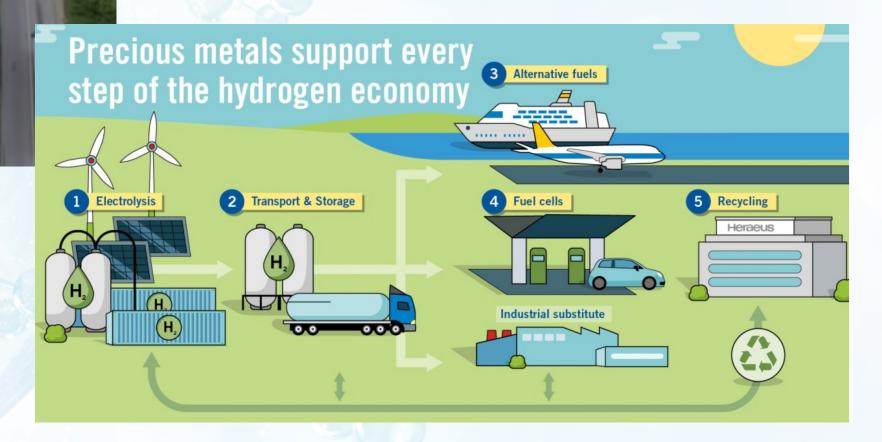
#### ARKEMA

# Hydrogen: Arkema's solution for carbon-free mobility

Hydrogen fuel cells will have their role to play in post-oil mobility options, alongside all-electric vehicles. Arkema has anticipated this shift, developing materials and solutions that are already contributing to improving the industry's performance and business model.







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'Materials in Hydrogen Economy' 氢能材料论坛 13 Nov 2023, Guofu Hydrogen 国富氢能

### Welcome address by Guofu Hydrogen 国富氫能开场致辞

9:10 - 9:15am

邬品芳, 国富氢能 Mr Pinfang Wu, Guofu Hydrogen

Chairman, Guofu Hydrogen Energy Equipment ('Father of Hydrogen in China') Co-Honorary Chair of CBC Green Hydrogen Hub 董事长,江苏国富氢能设备有限公司("中国氢能之父") CBC绿色氢能中心联合荣誉主席