



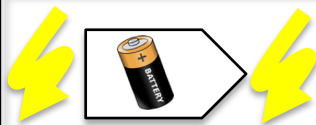
T. Schmidt



A. Züttel

< 300 Wh/kg

< 39'000 Wh/kg



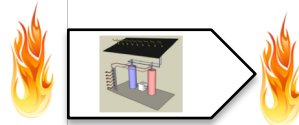
WP 1: Storage of
electrical energy
(electricity)



Petr NOVAK
(PSI)



Maxim KOVALENKO
(EMPA)



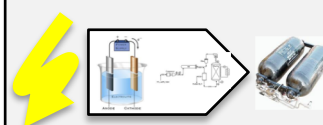
WP 2: Storage of
thermal energy
(heat)



Andreas
HASELBACHER
(ETHZ)



Sophie HAUSSNER
(EPFL)



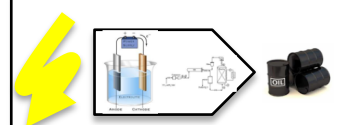
WP 3: H₂
Production &
Storage



Andreas ZÜTTEL
(EPFL & Empa)



Kevin SIVULA
(EPFL)



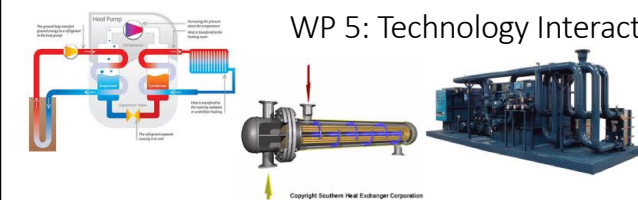
WP 4: Catalytic &
Electrocatalytic
CO₂ Reduction



Christophe COPERET
(ETH)



Paul DYSON
(EPFL)



WP 5: Technology Interactions of Storage Systems



Jörg WORLITSCHKE
(HSLU)



Markus FRIEDL (HSTR)

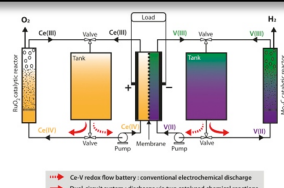


A. ZÜTTEL



K. SIVULA

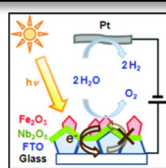
HYDROGEN PRODUCTION



T1: H₂ from Flow
Battery



Hubert GIRAULT

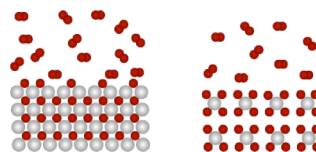


T2: Catalytic water
splitting



Kevin SIVULA

HYDROGEN STORAGE



T3: Hydrides



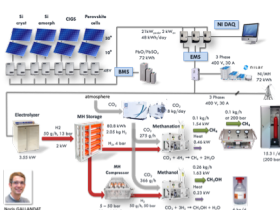
Andreas ZÜTTEL



T4: H₂ & CO₂ to
Formic acid



Ardemis BOGHOSSIAN



ssds.epfl.ch
Hydrogen
production, storage
and methanation

- Hydrogen production by alk. electrolysis
- Hydrogen production by PEM electrolysis
- Metal hydride storage
- Compressed gas storage
- Methanation