


# isigo<sup>®</sup>H2.0

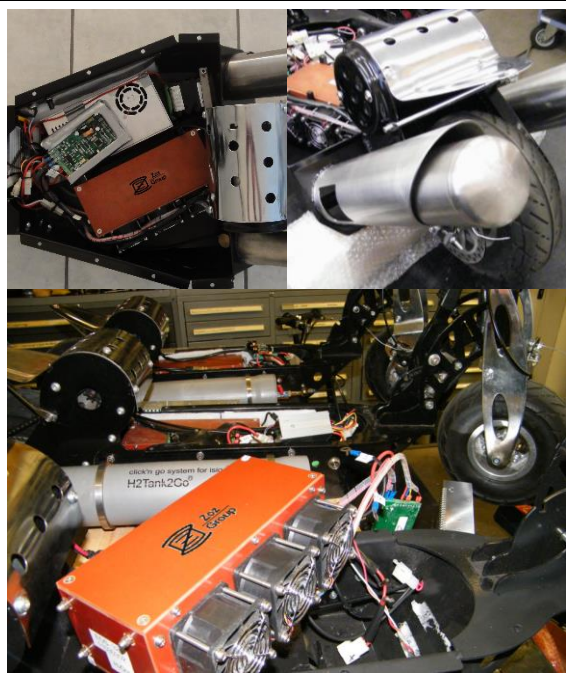
## H2-electric kickboard powered by H2Tank2Go<sup>®</sup>

demonstrator of Power to Gas to Fuel - P2G2F<sup>®</sup>

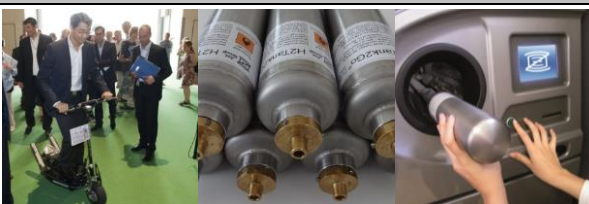
**refueling at home or replacing at any home-depot / tank vending machine**

Nanostructures for Zero Emission Future Transportation & Energy

isigo <sup>®</sup> H2.0	at a glance
	<p>isigo<sup>®</sup>H2.0 electric kickboard represents the 2<sup>nd</sup> generation of hydrogen driven vehicles demonstrating super safe Zoz-Hydrogen solid-state Storage-Technology.</p> <p>Based on the conventional battery-driven isigo<sup>®</sup>1.0, this kickboard comes with two Hydrolium<sup>®</sup> based H2Tank2Go<sup>®</sup>-cartridges and a 320W PEM fuel-cell. At ideal conditions, it offers up to 120 km driving range, refueling in seconds, all zero emission.</p>

isigo <sup>®</sup> H2.0 - technical data		
max. speed	25 km/h <sup>1)</sup>	
range	max. 120 km <sup>1)</sup>	
drive-power	500 W	
load capacity	100 kg	
brakes	disc brakes	
fuel-cell	PEM-FC, 320 W (24 V)	
converter	DC-DC (24V → 48V)	
buffer micro-bat	Li-ion, 48 V / 2,5 Ah	
H2-tank	H2Tank2Go <sup>®</sup> (2x)	
operating pressure tank	< 10 bar (Hydrolium <sup>®</sup> , solid state absorption)	
refueling time	click`n`go (10s)	
pressure reducer	0,5 bar	
dimensions	1130 × 450 × 1040 mm	
removable seat	available on request	
net weight	39 kg	
available colours	black	
time & cost	upon inquiry	

1) depending on riding, route and load

isigo <sup>®</sup> H2.0	why & what
	<p>In electro-/hydrogen mobility world, much is promised and a lot expected. In order to prove that what you see is real, we do offer the isigo<sup>®</sup>H2.0 at quite some liability disclaimers. The tank-vending machine is a logic suggestion, not an available but realistic infrastructure suggested already years ago.</p>