







HÖPEN GMBH

	Hary AG	Höpen GmbH
Shareholder	Dirk Graszt COO	Dirk Lehmann CTO
Facts	 Operative and financial expert 500 Trucks for logistic application Experienced entrepreneur Access to political and investment networks 	 Technical Chief of Becker Marine Systems Experienced entrepreneur Worldwide network on maritime economy and logistics

CALL TO ACTION

WE CREATE THE FUTURE

CO₂ Emission in Germany by sectors

1990 bis 2018 (1990=100%)







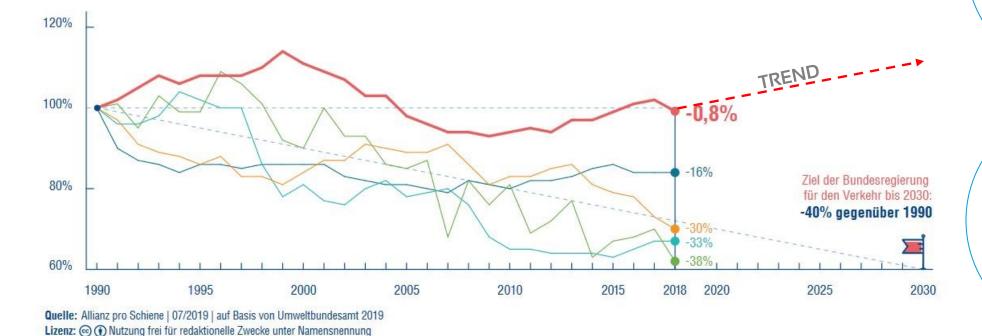








Target 2030 German Government Reduce 40% of traffic emission



Forecast 2030 **Road freight** transport is increasing by **39%**

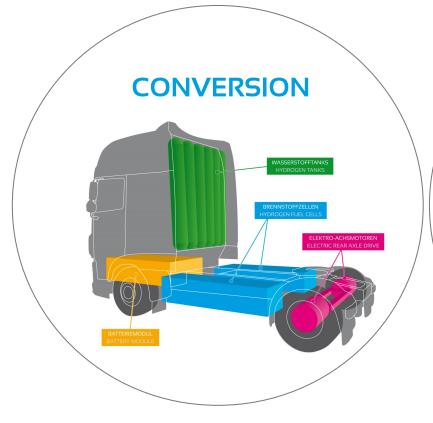


25.11.2020 Business Development and Funding Management/ Timo Hinrichs th@cleanlogistics.de

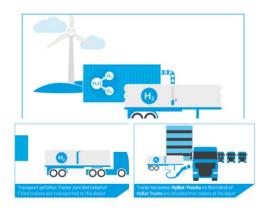


CLEAN LOGISTICS – WHAT WE DO

WE CREATE THE FUTURE

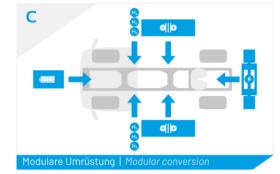






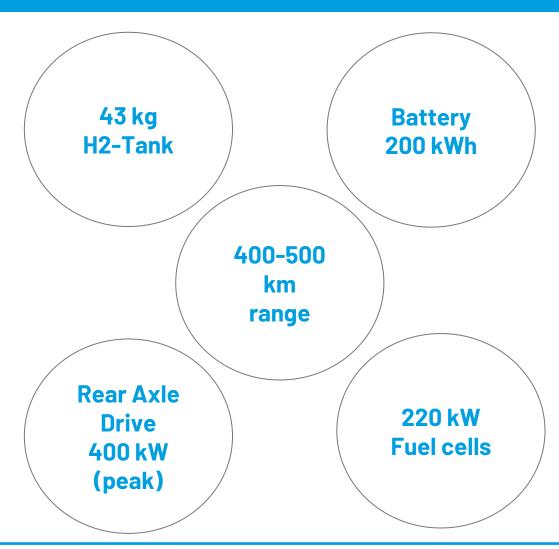
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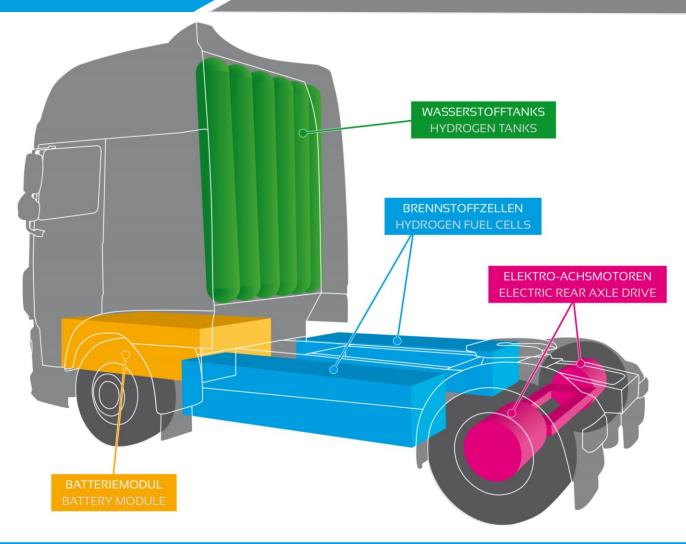
DEVELOPMENT OF NEW BUSINESSES



HYBAT-TRUCK (FCEV)

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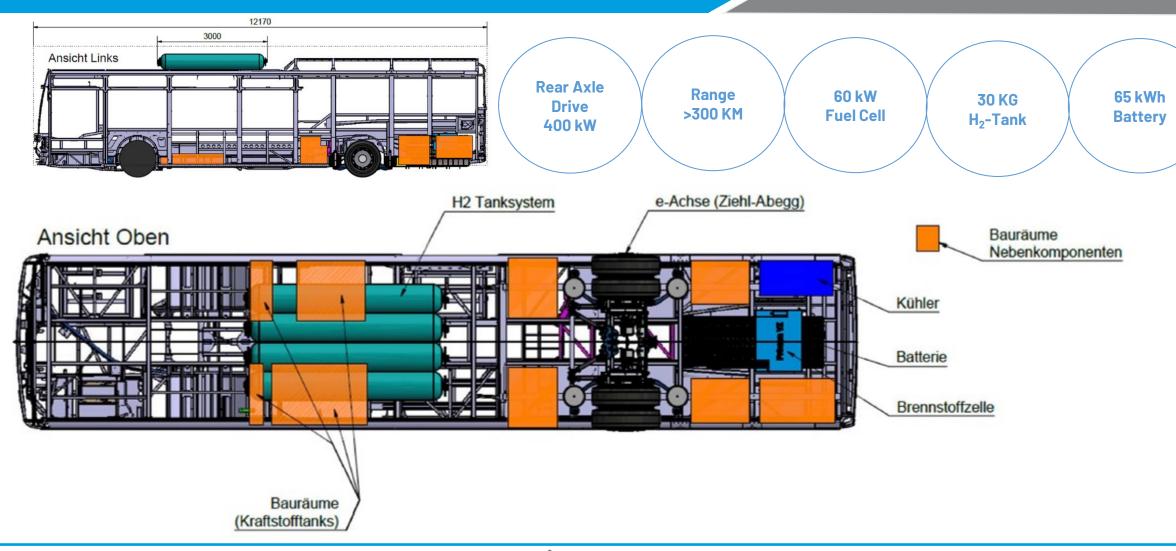


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LOGISTICS

HYBAT-BUS CONVERSION 12m | 18t

WE CREATE THE FUTURE







becker marine systems

- Office in Busan
- Systemsupplier for rudder systems
- Close collaboration with Hyundai, Sasmsung and Daewoo
- Production network of rudder systems in Korea

SOURCING

- Electric/ hydrogen components

TECHNOLOGY TRANSFER

- cooperation with korean companys



WE CREATE THE FUTURE



















