

Innovative TECHNOLOGY

reduce

- ROLLOVER ACCIDENTS
- FATALITIES
- SEVERLY INJURED DRIVERS



ATVs/Quads/TW cause serious accidents worldwide

- > 100 000** **accidents per year in US**
- > 30 000** **severely injured drivers per year in US**
- > 600** **fatalities per year in US**

PROBLEM

**Due to the rigid vehicle design, the
ATV/Quad vehicles tend to tip over in
the curve.**

60%

of the accidents end in a
dangerous **rollover**.

STANDARD

Why ? The conventional chassis



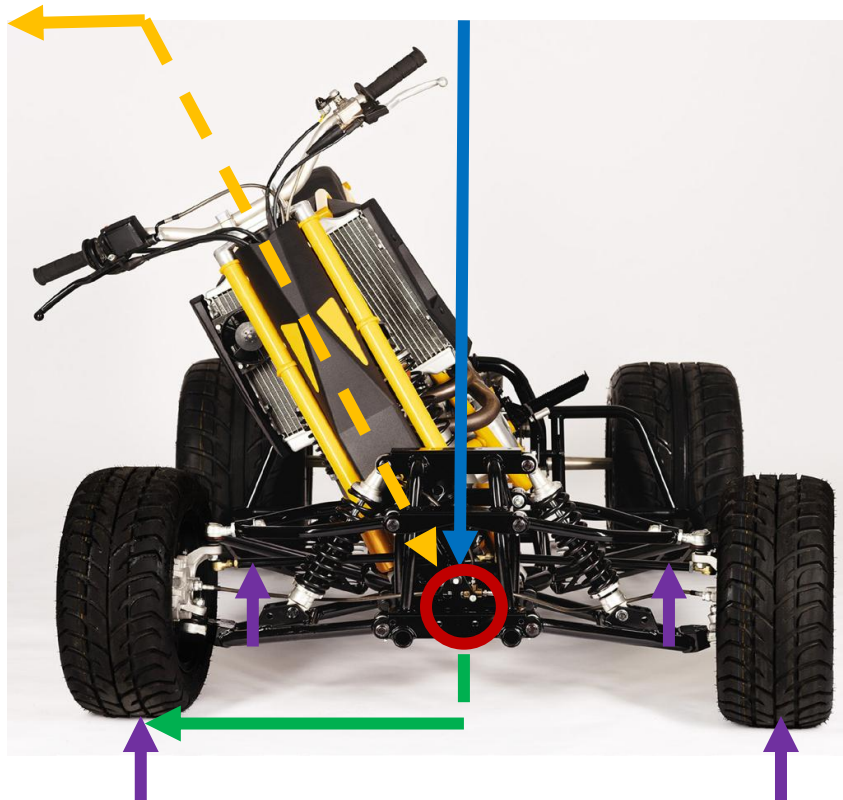
The chassis with tires moves **to the inside** of the curve.

The body with driver tilts **to the outside** of the curve.

When cornering, the body with driver pulls **the chassis outward** over the outer tires and causes the vehicle to tilt due to the narrow track width and high center of gravity.

The vehicle will tilt

NEITEM - the new chassis technology



The chassis with not tiltable tires moves **inside to the curve**.

The driver tilts the body around the tilt axis to the **inside to the curve**.

The tilting body with driver **presses down vertically on the chassis** with tires when cornering via the tilt axle. Optimal **wheel load distribution** even without ABS.

The vehicle will not tilt

TRENDS

The rollover risk leads to movement within the industry.

Criticism:

Numerous accident reports:

- US: „ATV's on Roadways - A safety crisis", Consumerfed Report 2014
- AU: „Quad Bike Safety", ACCC Report 2018
- DE: „Quads im Unfallgeschehen", GDV Report 2014

Protection:

- Mandatory use of a roll bar as rollover protection
- Mandatory driver training
- New standards of vehicle design

Restrictions:

- Age restriction
- Delivery stops of quads to Australia by the manufacturers
- Prohibition of ATVs on paved roads in 13 US States

SOLUTION

The tiltable body on top of the stable chassis.



The driver tilts the body of the vehicle into the curve like a **motorcycle**.

The stable chassis with the not tiltable tires ensures **maximum grip** to the road, like a car.

Innovative technology - Worldwide



The neitem® driving technology consists of several functional active units

Nei – Frame

Nei - Gear

Nei – Suspension

Nei - steering

about 10 Patents , applied and granted for US, DE, EU, CN, CA.

MISSION

**More SAFETY and more FUN
when riding ATVs/Quads/TW***

USP

neitem ® driving technology reduces

- the rollover risk
- accidents
- fatalities
- severely injured drivers

EXAMPLE

A NEW MARKET for ATVs, Quads, TW*



Market values* - only Quads

	TAM	SAM	SoM
US, Canada	100	10	1
Europe	50	10	0,5
China	50	20	2
Asia, AU	300	20	2
Worldwide	> 500	60	5-10

* Values in Thousands of new vehicles per year

TAM: Total adressable market

SAM: Share available market

SoM: Share of market within the first year

SALES

The market share starts at > 5000 vehicles per year.



Expected sales based on
costs and selling prices:

Vehicle type	Selling price
< 30 mph	5.000 \$
< 60 mph	10.000 \$
< 100 mph	15.000 \$

IMPRESSIONS

neitem – driving technology for next ATV/Quad/TW

tradefairs:



Aussteller IAA Mobility 2023 in
München



LiveDemoShow Intermot 2022 in
Köln

press



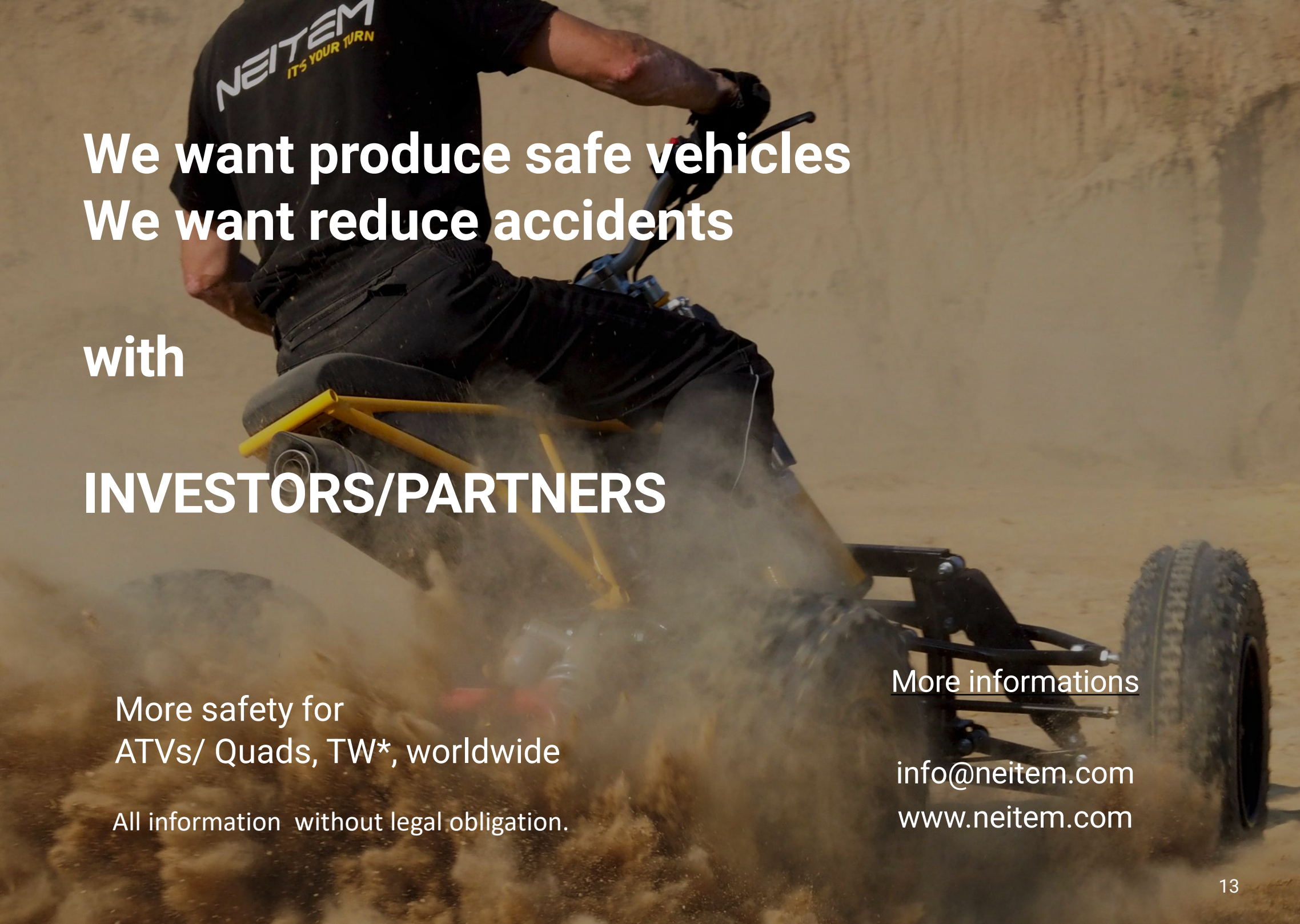
Quad mit Motorradfeeling“,
Quadwelt 2021



„Endlich schräg auf vier Rädern“,
Motorrad online 2021

www.neitem.com





**We want produce safe vehicles
We want reduce accidents**

with

INVESTORS/PARTNERS

More safety for
ATVs/ Quads, TW*, worldwide

All information without legal obligation.

More informations

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