



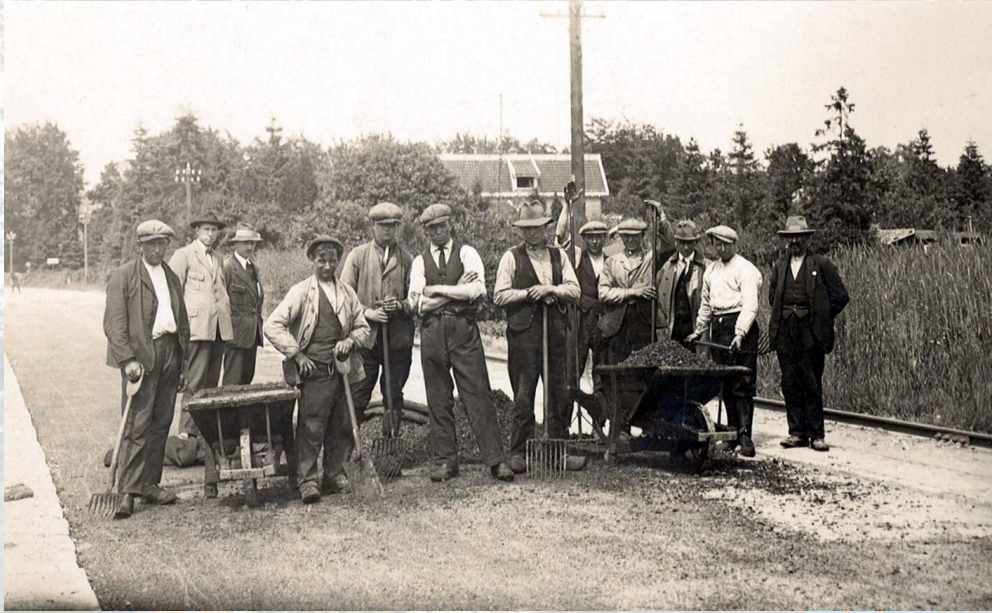
Zero emission Road machinery



www.geba.nl

Berend Sleijffers | email: b.sleijffers@geba.nl | Phone: +31 6 19440796

4 Generations of road construction



Our Business

We provide three core services for sustainable and efficient infrastructure



E-Build

Through **E-Build**, we build road construction machinery to meet the strictest emission standards. 100% electric and emission free.

01



Rental

With **Rental**, we provide access to a large fleet of (emission-free) road construction Machinery. Providing clients a first feeling with our technology.

02



24/7 Service & Support

With **24/7 Service**, our field engineers guarantee maximum uptime through training, and 24/7 support. Together, we build a cleaner future for the infrastructure and trust in our innovations.

03



E-Build

Through **E-Build**, we build road construction machinery to meet the strictest emission standards. 100% electric and emission free.

01



Rental

With **Rental**, we provide access to a large fleet of (emission-free) road construction Machinery. Providing clients a first feeling with our technology.

02



24/7 Service & Support

With **24/7 Service**, our field engineers guarantee maximum uptime through training, and 24/7 support. Together, we build a cleaner future for the infrastructure and trust in our innovations.

03



Mission

"We lead the transition towards a fully emission-free road construction industry. By 2030, we aim to offer electric alternatives for every type of machinery required in asphalt industry through leadership and continuous innovation."

A close-up shot of a blue industrial machine, likely a paver or similar road construction equipment. The machine's body is a deep blue color. In the upper right corner, the brand name 'GEBA' is printed in a white, bold, sans-serif font. Below it, on the left side, the words 'ZERO EMISSION' are printed in a larger, white, bold, sans-serif font, arranged in two lines. The machine's surface shows some texture and slight wear. In the background, which is out of focus, a construction worker wearing a white hard hat and an orange safety vest is visible, working on a similar blue machine. The overall scene is set outdoors on a construction site.

GEBA

**ZERO
EMISSION**

34M5G

Road construction is changing

Overview of our electric portfolio

01

T30 Electric roller
BOMAG BW 100/120-e



02

T100 Electric roller
BOMAG BW154-e



03

T120 Electric roller
BOMAG BW174-e



03

Z240 Electric single drum roller
BOMAG BW 211/213-e



05

A120 Electric asphalt paver
Vögele super 800-3i



06

A200 Electric asphalt paver
Vögele super 1300-3i



07

A300 Electric asphalt paver
Vögele super 1800-3i



08

S140 Electric static roller
HAMM HW90



09

500L Bitumen spreader



01 2,5 tons

electric Roller



02 7 tons

electric Roller





BOMAG
TRUCK GROUP

BW154 AP III

van gelder

370866

03 9 tons

electric Roller





04 Single drum roller





05 V800 electric paver



06 V1300 electric paver



07 V1800 electric paver



07 V1800 electric paver



08 S140 static roller



09 bitumen spreader



Why go electric?



CO2 & NOX reduction:

Contribute directly to cleaner, more sustainable infrastructure and meet climate goals.



Stronger strategic position:

Stay ahead of regulations, win more sustainable tenders, and future-proof your fleet.

Lower total cost of ownership:

Within 4–7 years, electric machinery becomes more cost-efficient due to lower fuel and maintenance expenses.



Healthier work environment:

People who are exposed to diesel fumes and exhaust emissions on a daily basis have a significantly higher risk of developing diseases later in life.



Electric machinery offers a healthier work environment:

- Lower noise levels
- No diesel fumes
- Less vibration

Our vision Behind Swappable batteries

SCENARIO

1

Charging logistics with a fixed battery pack



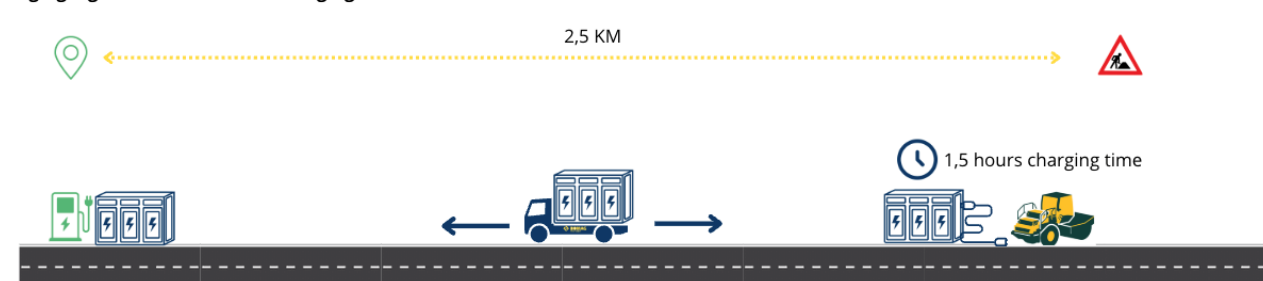
TOTAL DOWNTIME ON SITE:

2 hours and 10 minutes a day

SCENARIO

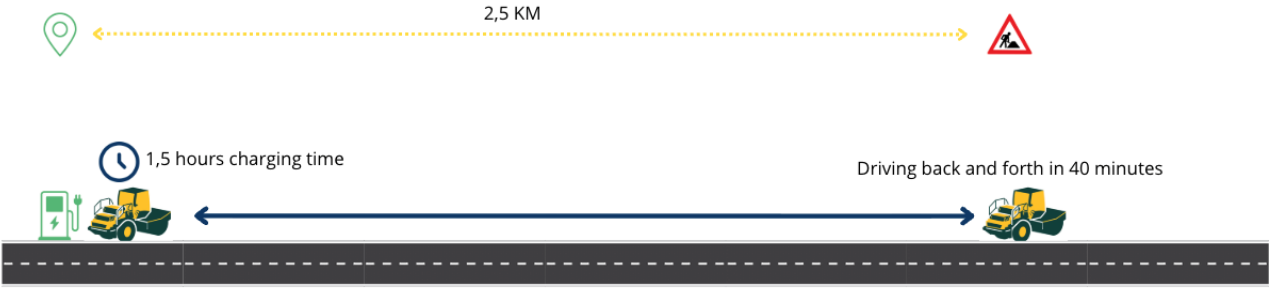
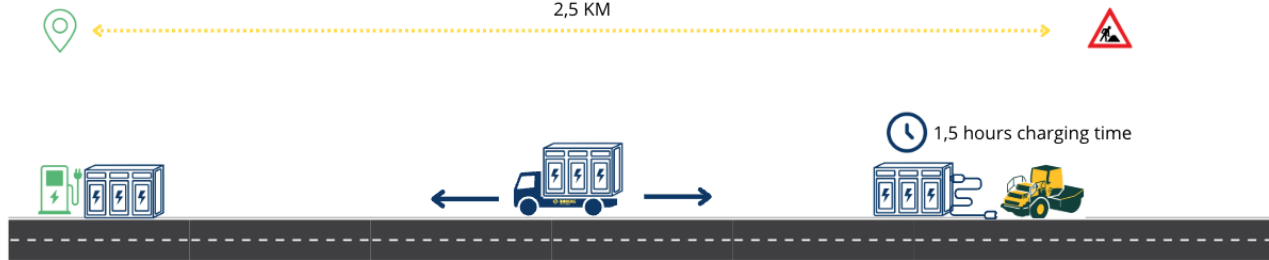
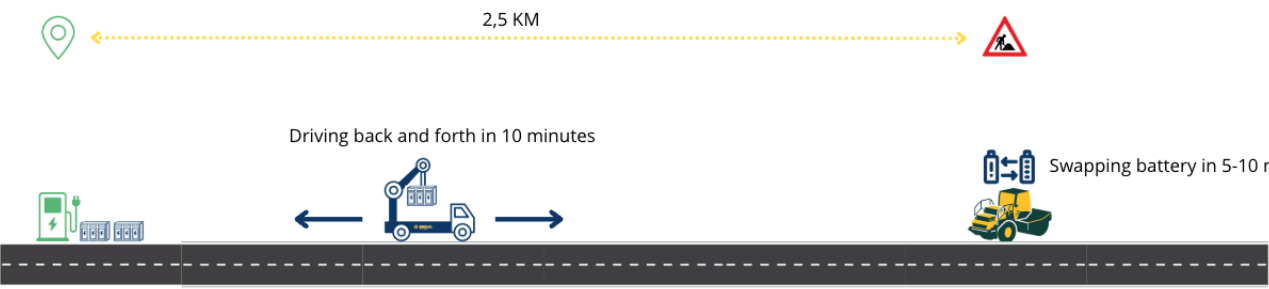
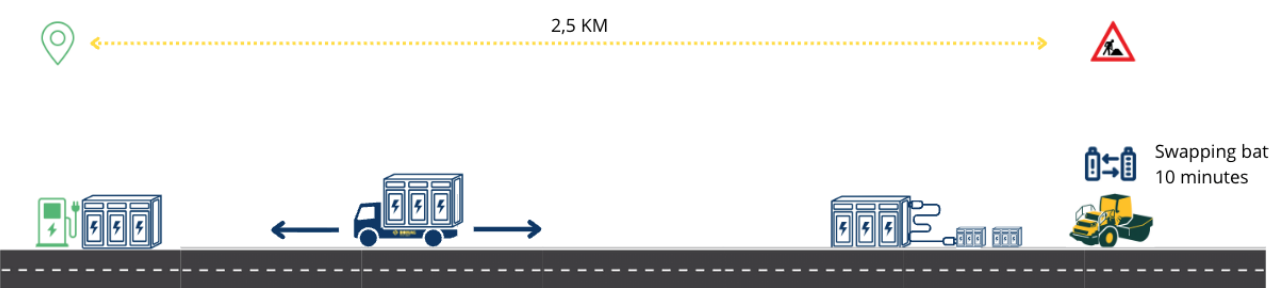
2

Charging logistics with a mobile charging station



TOTAL DOWNTIME ON SITE:

1,5 hours a day

<p>SCENARIO</p> <p>1</p>	<p>Charging logistics with a fixed battery pack</p>  <p>2,5 KM</p> <p>1,5 hours charging time</p> <p>Driving back and forth in 40 minutes</p>	<p>TOTAL DOWNTIME ON SITE:</p> <p>2 hours and 10 minutes a day</p>
<p>SCENARIO</p> <p>2</p>	<p>Charging logistics with a mobile charging station</p>  <p>2,5 KM</p> <p>1,5 hours charging time</p>	<p>TOTAL DOWNTIME ON SITE:</p> <p>1,5 hours a day</p>
<p>SCENARIO</p> <p>3</p>	<p>Charging logistics with a swappable battery pack</p>  <p>2,5 KM</p> <p>Driving back and forth in 10 minutes</p> <p>Swapping battery in 5-10 minutes</p>	<p>TOTAL DOWNTIME ON SITE:</p> <p>5- 10 minutes a day</p>
<p>SCENARIO</p> <p>4</p>	<p>Charging logistics with a swappable battery &</p>  <p>2,5 KM</p> <p>Swapping battery in 5-10 minutes</p>	<p>TOTAL DOWNTIME ON SITE:</p> <p>5- 10 minutes a day</p>

Our vision Behind Swappable batteries

SPECIFICATIONS:

- **Available in 3 capacities:**
- **Fast charging only:**
- **Swappable in minutes:**
- **One battery fits all:**

100 / 112 / 155 kWh

0-100% in under 2 hours

Change batteries in just 5-10 minutes

Compatible across all GEBA electric machines



Our vision Behind Swappable batteries

No Downtime:

No need to charge machines for hours, a battery can be swapped on-site in just 5 - 10 minutes, allowing seamless multi-shift operations.

Maximum flexibility:

Batteries fit across multiple machines, allowing you to allocate power where and when it's needed most.

Future Ready:

As battery tech evolves, simply swap in a newer, higher-capacity battery, no need to upgrade the entire machine. Your equipment stays relevant, efficient, and competitive.

Reduced transport costs:

Bring the power to the machine, not the other way around. No more hauling machines to charging stations, just swap the battery directly on-site in minutes.

Scalable :

When your fleet grows, you don't need one battery per machine. Since machines rarely run all at once, fewer batteries can power more equipment, saving cost while keeping full flexibility.



Zero emission Road machinery

www.geba.nl



Berend Sleijffers | email: b.sleijffers@geba.nl | Phone: +31 6 19440796