

PRESS RELEASE

March 05, 2025

FOR IMMEDIATE RELEASE

United under one holding company to lead the future of sustainable infrastructure:

The Fusion of B2SQUARE, ALBR3CHT Supply Concepts, Ventraco Innovation Center

Building roads and protecting the climate - a contradiction?

Not with CO₂-negative Instant BioBitumen - we are rethinking asphalt and shaping a fossil-free future.

Since 1 January 2025, the pioneers B2SQUARE, ALBR3CHT Supply Concepts (ASC) and the Ventraco Innovation Center (VIC) have joined forces to fundamentally rethink road construction. Three strong partners, one common vision:

CO₂ negative Instant BioBitumen, permanently reduced emissions and sustainable solutions for the infrastructure sector.

Bitumen has long been seen as the epitome of fossil dependency - but that is changing.

With **CO₂-negative Instant BioBitumen**, the merging partners have a clear goal: to build a fossil-free infrastructure where roads not only shape places, but also shape the future. The new group wants to establish construction methods that actively contribute to climate protection.

B2SQUARE represents CO₂ negative Instant BioBitumen solutions, ASC brings over 25 years of bitumen expertise and production concepts, and VIC complements the team with patented asphalt rejuvenation technologies. Together, they are transforming road construction and setting new standards for sustainable, climate-friendly resource use.

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Uniting Unique Strengths

- **B2SQUARE | Bitumen Beyond Oil:** Renowned for their revolutionary CO₂-negative Instant BioBitumen, a globally unique innovation.
- **ALBR3CHT Supply Concepts (ASC):** Over 25 years of engineering excellence in bitumen solutions.
- **Ventraco Innovation Center (VIC):** Creator of Rheofalt and holder of patented expertise in asphalt rejuvenators and related maltenedonors.

Together, these three pillars form a company with unparalleled innovation and expertise, propelling the vision of sustainable road infrastructure into reality.

Our Vision: Climate Protection and CO₂ Removal

Ambitious Goals:

- Produce 300,000 tons of Instant BioBitumen annually by the end of 2028, removing 450,000 tons of CO₂ from the atmosphere each year.
- Scale production to 3,000,000 tons annually by 2030-2035, achieving 4.5 million tons of CO₂ removal annually.
- Expand further to 30,000,000 tons of Instant BioBitumen by 2040, capturing 45 million tons of CO₂ annually.

Raw Material Supply and Sustainability

- **Secured Resources:** Production of 300,000 tons of Instant BioBitumen requires 150,000 tons of liquid, with supply already secured.
- **Future Plans:** Utilize additional biogenic raw materials to scale operations and enhance sustainability.

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Energy Efficiency and Occupational Safety

- **Cool Supply Chain:** Unlike traditional bitumen, which must remain at 180 °C, Instant BioBitumen operates at lower temperatures, offering substantial energy savings.
- **Energy Reduction:** Manufacturing and installation processes consume up to 50% less energy without additives.
- **Safety Benefits:** The cool supply chain significantly reduces the risk of accidents and exposure to harmful fumes and aerosols.

Digitizing Road Construction

- **Precision Paving:** Advanced technology enables precise property analysis of Instant BioBitumen prior to production, optimizing road construction for local conditions.
- **Efficiency Gains:** Similar to precision farming, this approach ensures optimized asphalt formulations tailored to specific needs.

Advantages of the merger for our customers

- **Consultancy services** individually tailored to customer needs.
- **Expanded product portfolio:** Additives for temperature-reduced mastic asphalt production.
- **New office in Amsterdam** for faster customer service and project coordination.
- **Combined expertise** in bitumen, asphalt and sustainable infrastructure.
- **Innovative solutions** for CO₂-negative and sustainable road construction projects.

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