

NEULANDT Press Release / March 2023

## INDUSTRIALISATION OF CONSTRUCTION IN WEST AFRICA

**Premiere: The portable precast plant (N3P) by NEULANDT was opened for the first time in Abidjan, marking a significant step towards the industrialisation of the construction sector in West Africa.**

Abidjan, 24. March 2023

The industrialisation of construction in Africa is a major task that must be driven forward with increasing urgency. The reason: the world's population is growing steadily. Housing and a wide variety of infrastructures are needed - quickly, cost-effectively and in good and long lasting quality.

NEULANDT stands for breaking new grounds, where new living spaces, commercial and infrastructure will arise. With the opening of the first mobile field factory on March 23, 2023, NEULANDT Côte d'Ivoire is part of laying the foundation for local ecosystems to achieve industrialisation of construction. The goal is to contribute addressing the tremendous gap in affordable housing and infrastructure demand in West Africa and beyond.

### Technology for fast Construction

The plant is mobile and can be setup directly at the desired construction site. The factory is designed to have a highly efficient production process and outstanding quality of concrete precast elements combined with a remarkable cost effectiveness. The core is the innovative and patented butterfly technology. With the hinged steel formwork (in the shape of a butterfly), horizontal preparation and vertical concreting in the battery is possible. The production process in combination with our planning services creates an efficiently timed process that allows for consistently high quality and simple plug-and-play construction thanks to the integrated infrastructure.

The cost and time advantages of an N3P construction site can be transparently calculated in comparison to a usual construction site. The time savings are mainly due to the standardised production process with the butterfly technology. The cost advantages result from the pre-planned and timed precast production directly on the construction site in connection with locally semi-skilled labour. The high quality level results from the standardised procurement, production and control processes. Since the N3P is a mobile solution, the plant remains at the construction site only for the duration of construction and can thereafter be easily relocated to the next site. The production also involves local labour. This brings know-how, jobs, and a lot of added value to the region.

***Dr. Wolfgang Litzlbauer, Chairman of the Board, Umdasch Group AG: "With the N3P, we achieve local value creation and high process efficiency, leading to sustainable as well as affordable living space and infrastructure all over the world. This is our answer to the enormous challenges of increasing urbanisation."***

### Premiere: First Portable Precast Plant by NEULANDT in Abidjan

In order to take the industrialisation of the construction industry in West Africa to the next level, the first portable precast plant was opened in Abidjan. This means that NEULANDT supports the development of the construction industry in Côte d'Ivoire with the economic and efficient production

of precast concrete elements on site. However, Côte d'Ivoire is the hub for knowledge and technology transfer. From there, the transnational technology concept and the construction expertise are transported across the entire the continent. This is done with a local team of about 100 experts and through cooperation with local companies, investors and developers. Our international team therefore specifically addresses the heterogeneity and the needs of the different African markets.

With the new location in Abidjan, not only a production site was established, but also a complete ecosystem on site. The full value chain is offered: Support from planning to engineering to on-site installation, including on-site supply of assembly and support to secure financing for the purchase of a N3P. The plant will be able to produce up to 1000m<sup>2</sup> of walls per day. The goal is the implementation of large-scale projects such as apartment buildings, infrastructure projects, etc. A two-shift operation enables, for example, the production of 400 units multistore buildings per year.

**Richard Lorant**, Country Manager, NEULANDT Cote d'Ivoire: *“Our mission is to provide all players and stakeholders in the construction sector with initial insights, inspiration and support along the path to industrialisation, while collaborating with large-scale projects, mainly in the social and economic domain. In this respect, the NEULANDT site will serve many purposes - for example, production, training and services. But above all, it will be a place where people can come together to share knowledge concerning project implementation.”*

### Photos:



© NEULANDT GmbH



© NEULANDT GmbH



© NEULANDT GmbH



© NEULANDT GmbH



© NEULANDT GmbH



© NEULANDT GmbH



© NEULANDT GmbH



© NEULANDT GmbH

The event was honored with the participation of:

- Bruno Nabagné Koné, Minister of Construction, Housing and Urban Planning
- Souleymane Diarrassouba, Minister of Commerce, Industry and Promotion of SMEs
- Dr. Wolfgang Litzlbauer CEO & President of Umdasch Group AG
- André Spang, CCO of Umdasch Group Ventures GmbH
- Koch Moritz, Head of Business Unit NEULANDT GmbH
- Richard Lorant, Country Manager NEULANDT Côte d'Ivoire SARL

### About NEULANDT

Since its foundation in 2019, NEULANDT has specialised in the development of future-oriented building solutions. N3P - the portable high-performance plant for the industrial production of precast concrete elements is our solution for overcoming the challenges that are faced the world over. Driven by passion and expertise, we are setting new benchmarks and transforming tomorrow's living spaces for hundreds of people.

As part of the global Umdasch Group, we not only have the backing of a strong group of companies, but also build on 150 years of experience and specialist knowledge in the construction and retail sectors. The Umdasch Group is the holding company of three successful companies: Doka, Umdasch Group Ventures and umdasch The Store Makers. NEULANDT GmbH is a subsidiary of Umdasch Group Ventures, which is specialised in state-of-the-art technologies and business models in the construction and retail industries.

**Press contact:**

Evi Roseneder  
Director Corporate Communication  
**Umdasch Group AG**  
Josef Umdasch Platz 1, 3300 Amstetten  
Tel.: +43 664 88384393  
E-mail: [evi.roseneder@umdaschgroup.com](mailto:evi.roseneder@umdaschgroup.com)  
[www.umdaschgroup.com](http://www.umdaschgroup.com)

Birgit Richter  
Communications Specialist  
**Umdasch Group Ventures GmbH**  
Josef Umdasch Platz 1, 3300 Amstetten  
Tel.: +43 664 6294017  
E-mail: [bri@umdaschgroup-newcon.com](mailto:bri@umdaschgroup-newcon.com)  
[www.umdaschgroup-ventures.com](http://www.umdaschgroup-ventures.com)

Kone Nankpo Flore Nadia  
Assistant  
**NEULANDT Côte d'Ivoire SARL**  
Abidjan, Commune de Cocody  
Village M'Pouto · Carrefour Sol Béni  
01 BP 369 Abidjan 01  
Tel.: +225 07 49 25 82 09  
E-mail: [nk@neulandt.build](mailto:nk@neulandt.build)  
[www.neulandt.build](http://www.neulandt.build)