



An increased production capacity in tight timeframe at Cereal Partners Poland

IN SUMMER 2017 CEREAL PARTNERS POLAND (CPP) SHUT DOWN ITS FACTORY FOR 2 WEEKS TO INCREASE PRODUCTION CAPACITY. 'WITH SUCH A TIGHT SCHEDULE YOU NEED THE PERFECT DESIGN TO FIT THE TURNAROUND CHALLENGES', SAYS BILFINGER TEBODIN'S PROJECT MANAGER, ADAM PLOCHOCKI. THE SECRETS TO SUCCESS WERE EXCELLENT DESIGN SOLUTIONS AND GOOD COMMUNICATION WITH THE CLIENT.

CPP is part of Cereal Partners Worldwide (CPW), a joint venture between Nestlé S.A. and General Mills Inc., set up in 1990 to produce and sell ready-to-eat breakfast cereals outside the USA and Canada. When CPP decided to increase its production capacity in Lubicz, Poland, it asked Bilfinger Tebodin to take care of the concept and procurement design for the new cereal bars production line, the procurement procedure, site supervision and author's supervision.

Technical and time challenges

Time was a huge challenge given the two-week standby period. The solutions were balanced management, and thorough preparation of the user requirements specification. In advance, the project team spent two days in a closed room with CPP going through detailed scenarios and planning. The team also started the procurement process during the conceptual stage, ensuring that bidders from all over the world supplied all equipment on time.

3D modelling to visualize

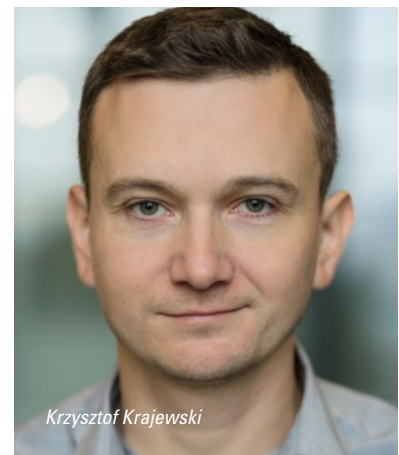
'The production line design had to be very precise, given the limited space in the building and the presence of a lot of technical equipment', says Adam Plochocki. 'We used 3-D modelling to help the client visualize the new plant and the design scenarios to use every available space. We included all the equipment in the model too. This meant that the client fully understood what was being done at every stage.'

When time is tight, communication is key

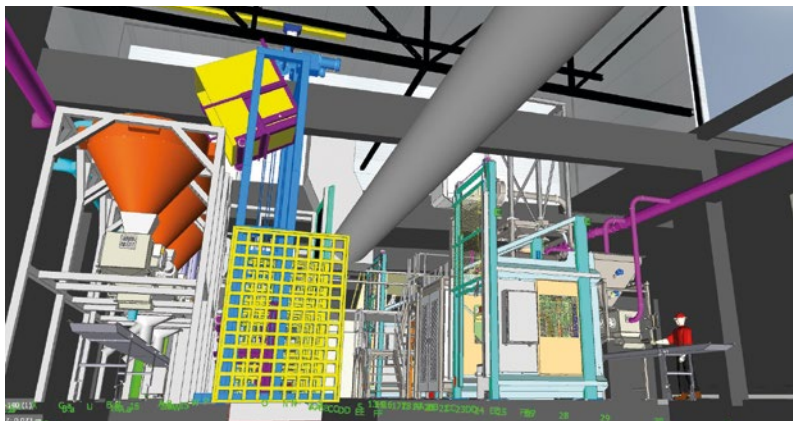
Krzysztof Krajewski was the first point of contact for the contractors for the technical equipment: 'CPP was keen to be involved in every detail. The contact list they provided wasn't just telephone and e-mail details, but a photograph of each person and description of their role. So you always knew you were talking to the right person. That saves time and strengthens the relationship.'



Adam Plochocki



Krzysztof Krajewski



Nestlé's dedicated team actively participated in the design process in frequent meetings. They discussed every possibility of the designed solutions, while Bilfinger Tebodin offered support and expertise about feasibility of each option. Adam Plochocki: 'This close collaboration meant that the client was confident that our design was the best possible fit for the multiple requirements. And we avoided major changes and redesigns from the concept to the execution.' ■