

preface

Dear DC=IN 2025 participants,

on behalf of the Executive and Advisory Boards, I would like to thank you for participating in the “DC=IN2025 - Industrial and Sustainable Direct Current Grids” on 18-19th September 2025. Special thanks go to all sponsors and to the Open Direct Current Alliance (ODCA) for supporting this conference.

As the quasi-successor to the DC2019 conference, which was held in German, this year's DC=IN2025, held in English, welcomed participants from abroad for the first time. The conference program includes academic and industry contributions, covering topics such as DC micro grid architectures, power electronics and protection concepts, integration of renewable sources, and strategies for sustainable production.

With its technical depth and practical focus, DC=IN 2025 offered valuable insights into the latest developments and paved the way for industrial applications that combine efficiency, flexibility and sustainability to further advance industrial DC technology.

We look back on a conference full of interesting presentations, discussions and insights from business and research on the forward-looking topic of DC. I believe that this year's conference has shown you new perspectives and innovative solutions for the future of industrial energy supply. And thanks to the positive and encouraging feedback, nothing should stand in the way of continuing the DC=IN conference. We look forward to it.

Holger Borcherding
DC=IN 2025 General Conference Director,
University of Applied Sciences and Arts (TH OWL),
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