



ADPV signs Joint Development Contract with Solliance

EINDHOVEN – 27 OCT 2016 - Solliance is pleased to announce that ADPV Limited has signed a Joint development contract with Solliance concerning the development of two-step electroplated CIGS modules. Research will be carried out at the Solliance pilot production facilities on the High Tech Campus in Eindhoven, the Netherlands by a joint team from ADPV and Solliance.



Within this project ADPV and Solliance are aiming for stable, reproducible and industrial upscalable electroplated CIGS with efficiencies above 15%.

'We are extremely pleased with ADPV's decision to sign this joint development contract', stated Huib van den Heuvel, director at Solliance. 'We have all required infrastructure, to a large extent built by local equipment companies such as Meco and Smit Thermal Solutions, and the technical competencies available on site; together with ADPV's ambitious team we expect to achieve meaningful results in the coming months'.

'This is a marvelous opportunity for ADPV to explore the full potential of the Solliance setup,' said William

Chao, Founder and Chairman of ADPV Limited. 'We are happy to have Olivier Kerrec, former CEO of Nexcis, as our Project Director, leading the interdisciplinary team at Solliance. We believe that Olivier's rich experience in CIGS technology, especially electroplating metal precursors for CIGS modules, will lead us to new breakthroughs. It will be beneficial to compare its performance against ADPV's sputtering approach of metal precursors selenized with ADPV's proprietary Rapid Temperature Process ("RTP") furnace.

[Download the Press Release here](#)

About Solliance

Solliance is a partnership of R&D organizations from the Netherlands, Belgium and Germany working in thin film photovoltaic solar energy. *In order to strengthen the EU region's position as a world player in PV, Solliance is creating the required synergy by consolidating* and coordinating the activities of 250 researchers in industry, at research institutes and universities. Various state-of-the-art laboratories and pilot production lines are jointly used for dedicated research programs which are executed in close cooperation with the solar business community.

Solliance Research Partners are: ECN, imec, TNO, Holst Centre, TU/e, Forschungszentrum Jülich, University Hasselt and Delft University of Technology.

Solliance offers participation in its research programs and opens up its lab facilities to new entrants, either from industry or in research. On the basis of clear Intellectual Property agreements, each industrial partner can participate in this research effort, or alternatively, hire equipment and experts to further develop its own technology.

More information, please visit our website www.solliance.eu or contact Barend Vermeulen, Business Development Solliance (barend.vermeulen@solliance.eu).

About ADPV

ADPV was founded in Hong Kong by William Chao in 2010 with the mission of optimizing CIGS photovoltaic solution to produce clean energy. *In 2011, ADPV started a CIGS pilot line in Ningbo, China, William's home town, to create a foothold with which to enter the China market.* Throughout the years, ADPV has focused on developing its unique RTP process and has expanded into RTP equipment design through its *acquisition of Ebner's selenization furnace operation in 2015.* ADPV established operations in Blaubeuren, Germany, committed to the design of commercial RTP furnaces. This unit also oversees the collaboration with other partners in Europe, including Solliance and Smit Thermal, to optimize the efficiency of CIGS modules. ADPV has developed into a CIGS PV integrator with plans to start full commercial production in China.

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