

IAS view of Slovenian energy transition



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Zoran Marinšek has graduated and holds Ph.D, from University of Ljubljana He is cofounder of INEA d.o.o., first spin-off of Institute Jožef Stefan, and its first CEO. He is co-author of a number (10) innovations, technical improvements in the field of process control technology, recognized by several awards (4), including as co-author of Best poster-paper award at a World Smart Grids Forum 2013 for significant contribution to Smart Grids. His present focus has been management and trading of energy flexibilities of prosumers in Smart Grids. He participated in number of FP and H2020 R&D projects. Zoran is a fellow of Slovenian Academy of Engineering, in 2014/15 its Vice President, presently the President of its Energy Platform and since 2018 a member of the Steering committee of Euro-CASE energy platform.

ABSTRACT

A snapshot of current status of energy transition in Slovenia is given and lack of convergence is pointed out due to delayed systemic measures and instruments, representing obstacles and barriers for the success of energy transition. IAS's view on Slovenian energy transition until 2030 and 2050 is outlined. IAS views the development of energy system as constitutive part of comprehensive socio-economical development policy. To pursue its strategic objectives within time horizon of energy transition, two level planning and evaluation is proposed, on the first level consisting of criteria space defined by eight criteria and on the second - nested level, of three aspects of energy planning - sources, conversion and usage - and their specific objectives. Some highlight views and suggestions on objectives are listed.