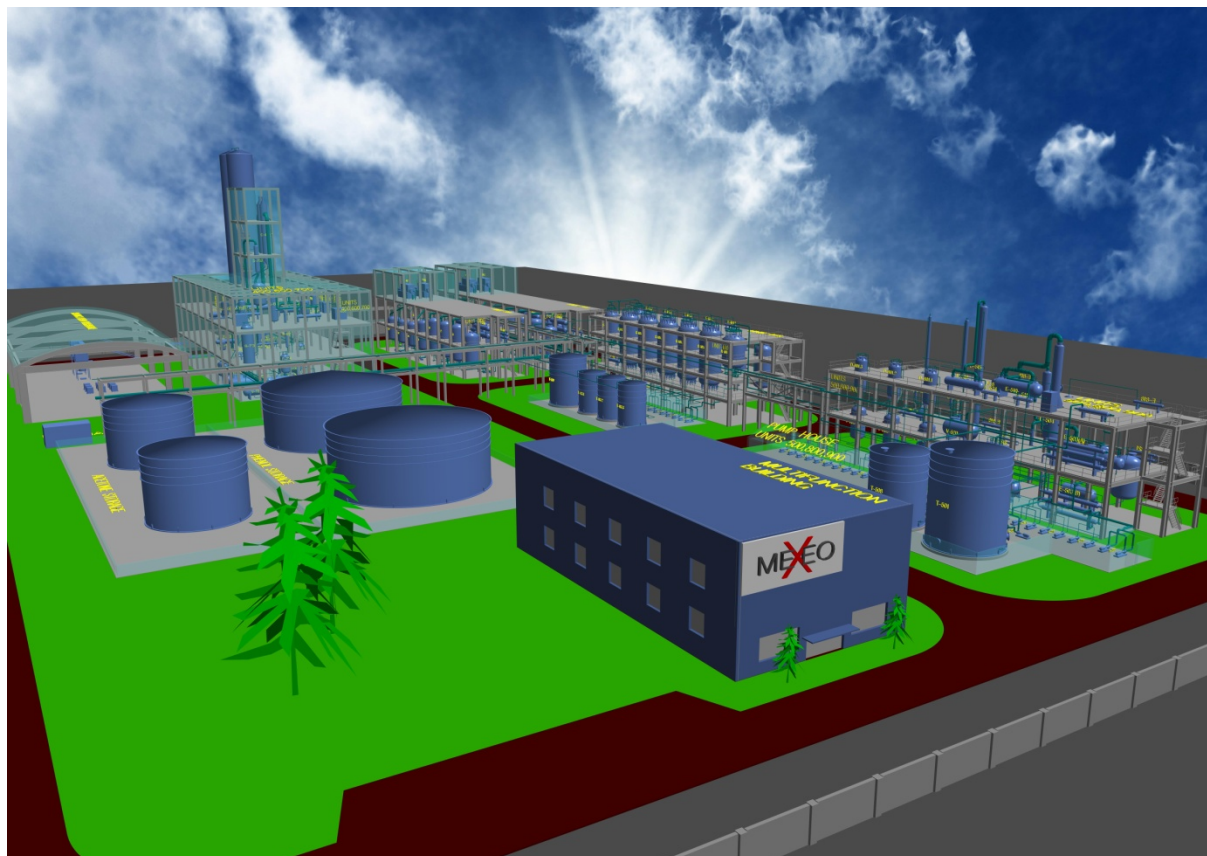


## ADVANCE BPA TECHNOLOGY - INTRODUCTION

The presented material is a description of the basics of BPA technology offered by MEXEO Institute of Technology under the name ADVANCE BPA, based on the concept of a dual-zone reactor filled with a bed of ion exchange catalyst with promoter attached and subject of patent protection<sup>1, 2, 3</sup>. The presentation of the discussed technology took place, among others at the 9th World ICIS Conference, Phenol-Acetone, in Vienna, on 15-16 June 2016. The latest license based on ADVANCE BPA technology was granted in 2014.

A fragment of a 3D presentation of the offered production installation with a capacity of 100 kt bisphenol A per year, according to the ADVANCE BPA technology is shown below<sup>4</sup>.



*Fragment of the 3D presentation of the offered production installation with a capacity of 100 kt bisphenol A per year, according to the ADVANCE BPA technology (performed by: Fluor S.A., Gliwice)*

On the website [www.mexeo.pl](http://www.mexeo.pl) there is a video presenting industrial references and visualization of the ADVANCE BPA process offered by MEXEO and two sample articles illustrating research achievements and practical experience of technology authors.

The presented technology concept is a development of an earlier implemented solution of a dual-zone reactor, based on the application of a non-promoted catalyst.

<sup>1</sup> Kiedik, M. *et al.* PL 221981 (B1)

<sup>2</sup> Kiedik, M. *et al.* PL 212162 (B1)

<sup>3</sup> Kiedik, M., *et al.* EP 1809589 (B1)

<sup>4</sup> 3D visualization of 100 kt/a BPA plant, based on the innovative 2-zone reactor system, designed by Fluor S.A., Gliwice, Poland 2015, MEXEO resources, Kedzierzyn-Kozle, Poland