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Challenge – The Innovation Wall AI Expo – Septembre 2020

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About EDF and Dassault

The EDF Group is a world leader in energy, present in all areas of electricity such as generation, transmission and distribution. It is the main player in the French electricity market and has a solid international presence. It has the largest generation fleet and the largest customer portfolio in Europe. EDF has made energy efficiency one of its priorities and is keen to develop this promising segment on the African continent. Energy efficiency is a subject of the utmost economic and environmental importance. In the South African context, improving energy efficiency would contain CO2 emissions but also ease the tension on the electricity grid. Limiting consumption therefore represents a tremendous saving for buildings but also for the South African economy. The same logic could go for many other African countries.

Dassault Systèmes, the 3DEXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading 3D design software, 3D Digital Mock-Up and Product Lifecycle Management (PLM) solutions transform the way products are designed, produced, and supported. Dassault Systèmes's collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world.

EDF and Dassault Systèmes are collaborating at the occasion of the AI Expo event to propose a challenge for open-innovation. This partnership aims at representing the French excellence and knowledge in the junction of two industries: Energy & Digital.

Challenge statement

Artificial Intelligence is set to revolutionize the energy efficiency sector. The optimization of the data collection and the improvement of data analysis will help to better identify good practices and investments that can be easily profitable. We are therefore looking for innovative solutions that could improve processes and product and thus contribute to the growth of the sector. The theme is « **Using Artificial Intelligence to improve Energy Efficiency** ».



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Timeline

- 21st Aug - Poster submissions CLOSES
- 25th Aug - Judge best posters & inform winners
- 3rd / 4th Sept - Announce winners & prizes at AI Expo Africa 2020

The Prize

Dassault Systèmes will give the winner of the challenge; the opportunity to design and engineer is concept using best in class Design & Simulation solutions by accessing Dassault Systèmes Public Cloud 3DEXPERIENCE Platform.

Presentation of the project in front of EDF AI specialists (*Waiting for more precisions*)

Who can apply

All those who share our passion for tomorrow's energy solutions.

Application Form

In addition to the Poster, 5/6 slides presenting succinctly the proposed solution, the team, the Business Model,