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Systèmes pile à combustible

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FC Green BM – Sustainable Business model related to Fuel Cell Systems

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Abstract :

Energy transition is a long-term change towards a decarbonisation of the power sector where major societal changes occur. Within this context, a business model definition for sustainability is needed.

The purpose of this project is to identify these new types of business models related to fuel cell systems that is a key technology of energy transition. Some proposals of theoretical and conceptual foundations are made based-on fuel cell technologies uses. The whole life cycle of this system is considered not only the first life but also the second life (use in degraded mode or in other application domains).

As a result, an original analytical framework is proposed into the economy of a functionality approach and scenarii are suggested to experts.