This report summarizes the evaluation and validation of the ELECTRA Web-of-Cells concept which has been implemented for the proof of concept in selected validation environments provided by the project partners. The performed experiments have been realized in simulations and in laboratory environments and showed the feasibility of the Web-of-Cells concept and integrated functions for balancing and voltage control. Future work is necessary to further refine the concept and functions and to focus the controller implementations on higher technology readiness levels.

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