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A HOLISTIC AND SCALABLE SOLUTION FOR RESEARCH, INNOVATION AND EDUCATION IN ENERGY TRANSITION

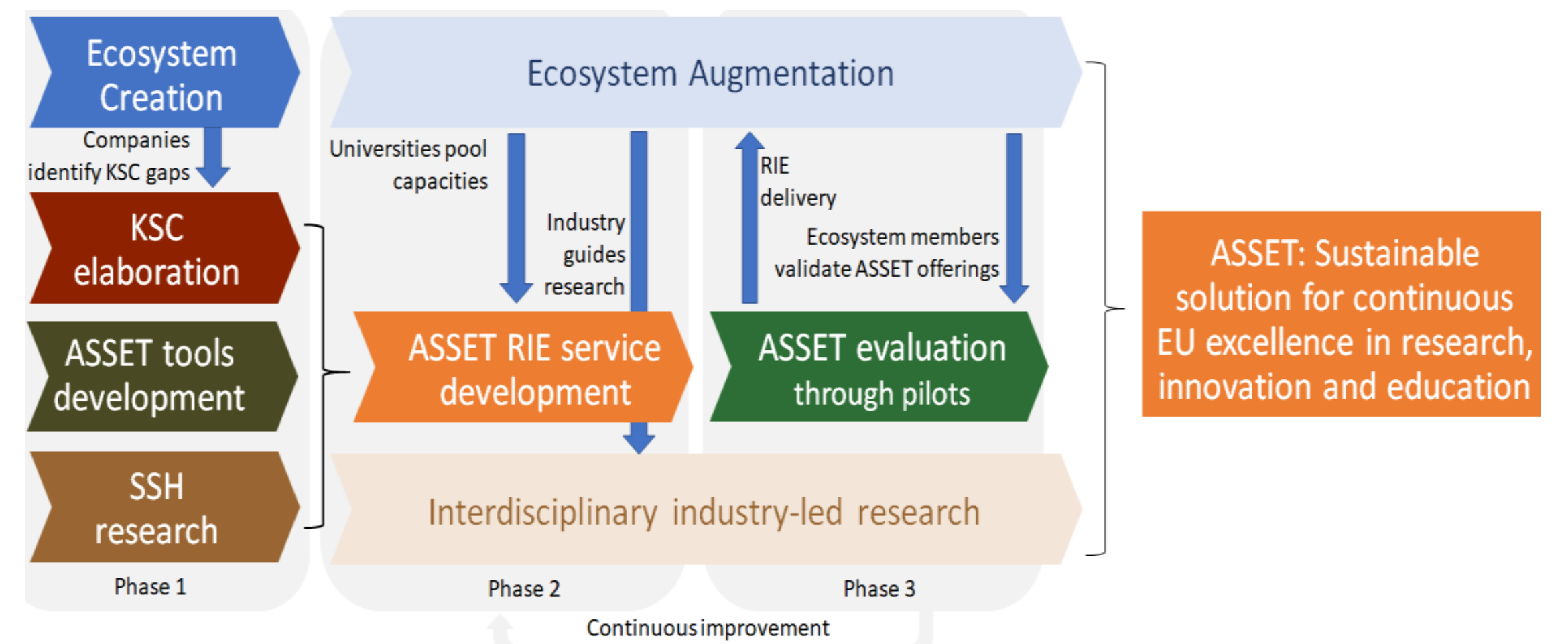


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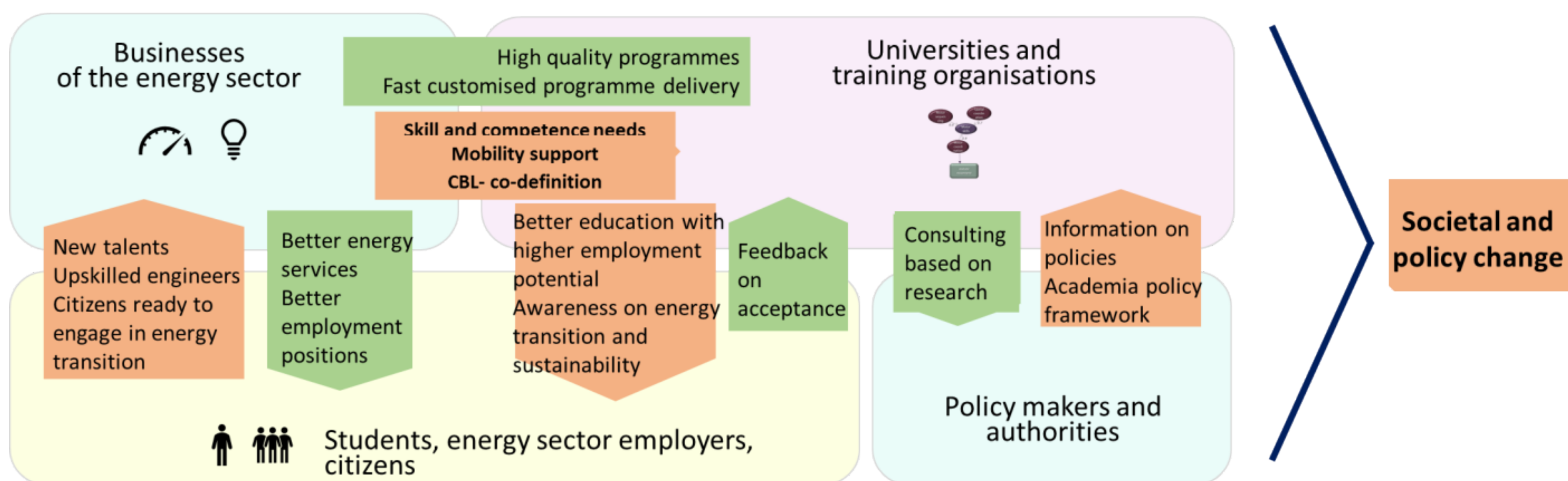
ABSTRACT

The project is funded by the H2020 program (Research & Innovation Program under GA 837854) and meets the objective of providing a holistic and scalable solution for research, innovation and education through the creation of functional networks between companies in the sector energy, universities, training actors, energy and environmental authorities, policy makers and more generally citizens sensitive to environmental issues and the quality of energy transition processes.

The **ASSET** project will provide the tools for sharing the knowledge and skills needed to tackle the energy transition by supporting training, with a strong interdisciplinary component oriented to social sciences in an area with an exclusive technological vocation. Over the course of the project, over 23 learning graph models and more than 40 educational programs will be developed, a portfolio of challenges and case studies on the subject. The actors involved will be able to search for the programs available - online and on-campus - on the ASSET website and in the case of unsuccessful research, send a request for the creation of content necessary for their target market. Finally, a road map will be issued at the end of the project with guidelines for scalability of the ASSET model to other sectoral fields and schemes to strengthen the dialogue between the academic world, industry, local and professional communities.



PROJECT OBJECTIVES



Energy transition means the transition to a low-carbon society in order to make the energy sector sustainable. To reach this goal ASSET intends:

- Strengthen the skills of sector operators;
- Cultivate new talents with multidisciplinary skills;
- Intensify research and network industry in order to promote innovation and strengthen understanding of the importance of reducing carbon emissions.

These activities require an increasingly strong relationship between industry and the academic world.

Expected results of ASSET are:

- The establishment of a continuously growing community and the collaborative identification of educational and training needs between academia and industry;
- The drafting of a unique conceptual model available online with a rich portfolio of case-based learning modules;
- The drafting of guidelines, mobility mechanisms and the creation of special MOOCs for citizens;
- As a final output the project will provide guidelines for the expansion of the project itself and a roadmap to strive for excellence in the energy transition.

THE ASSET ECOSYSTEM

