

ALBA pilot: from experiments to innovation

G. García (ALBA, CMAM-UAM), A. Sánchez (ALBA), J. Catalano, M. Florio, C. Pancotti, S. Vignetti (CSIL)

Impact Assessment, Evaluation and Monitoring of Research Infrastructures

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UAM

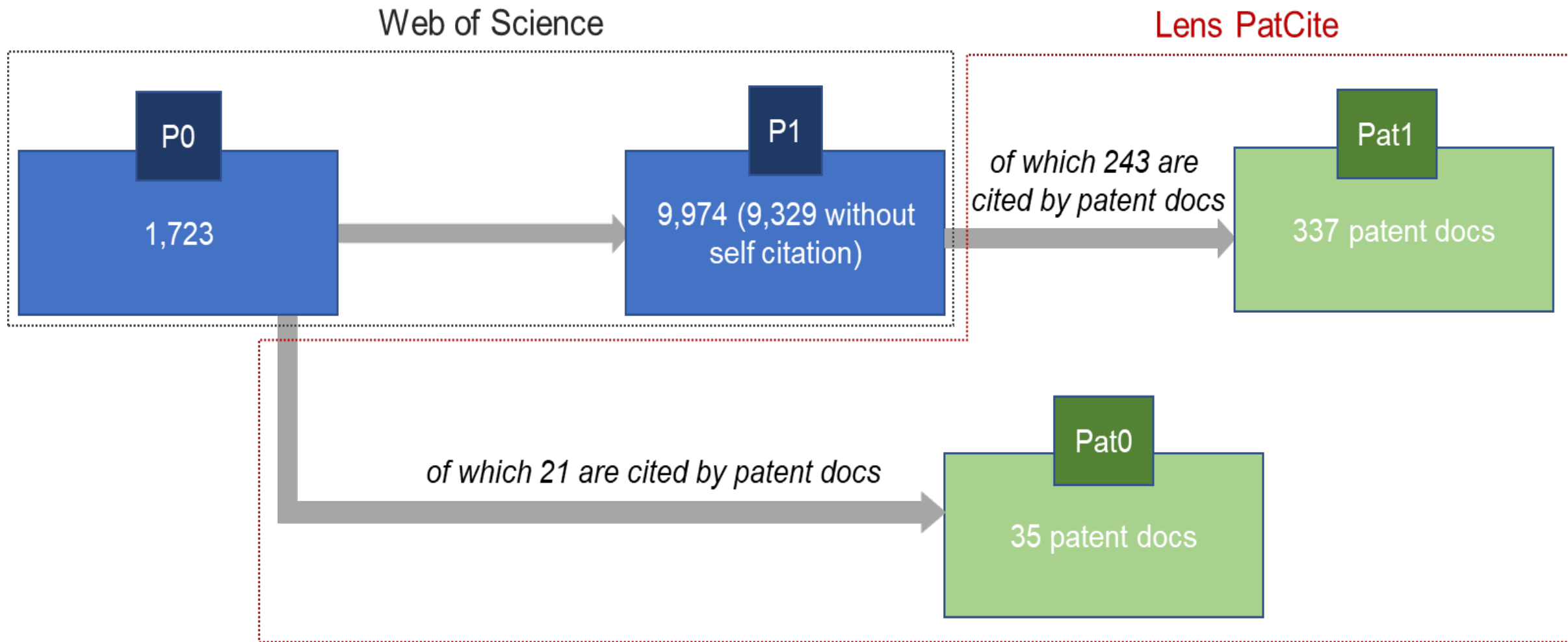
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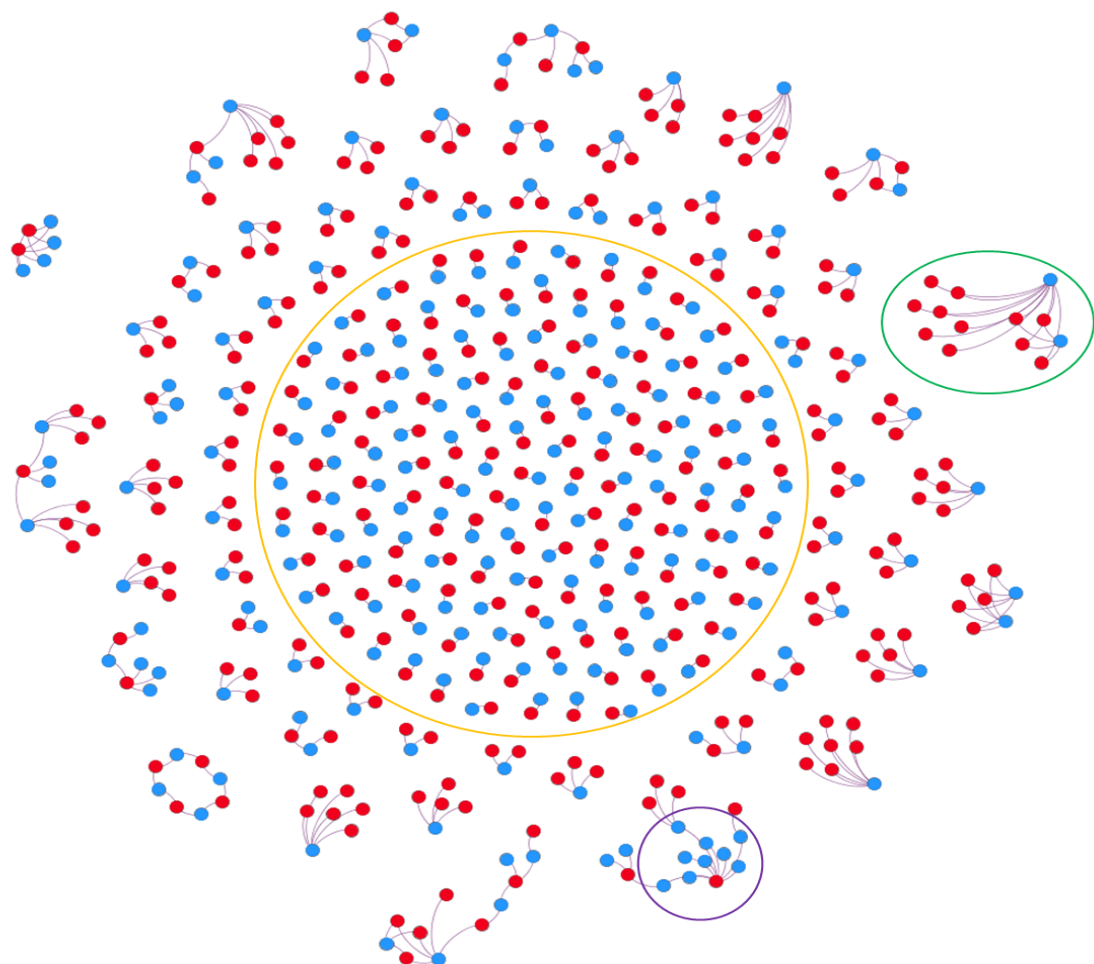
Pilot: from experiments to innovation

- Collaboration CSIL-ALBA
- Explore two pathways:
 - Proprietary experiments -> innovation impacts **Natural choice**
 - Academic experiments -> collaborations with industry -> innovation impacts **Less known**
- User survey: carefully designed questionnaire + intensive field work
- Patent database search
- Analysis: report available <https://ri-paths.eu/>

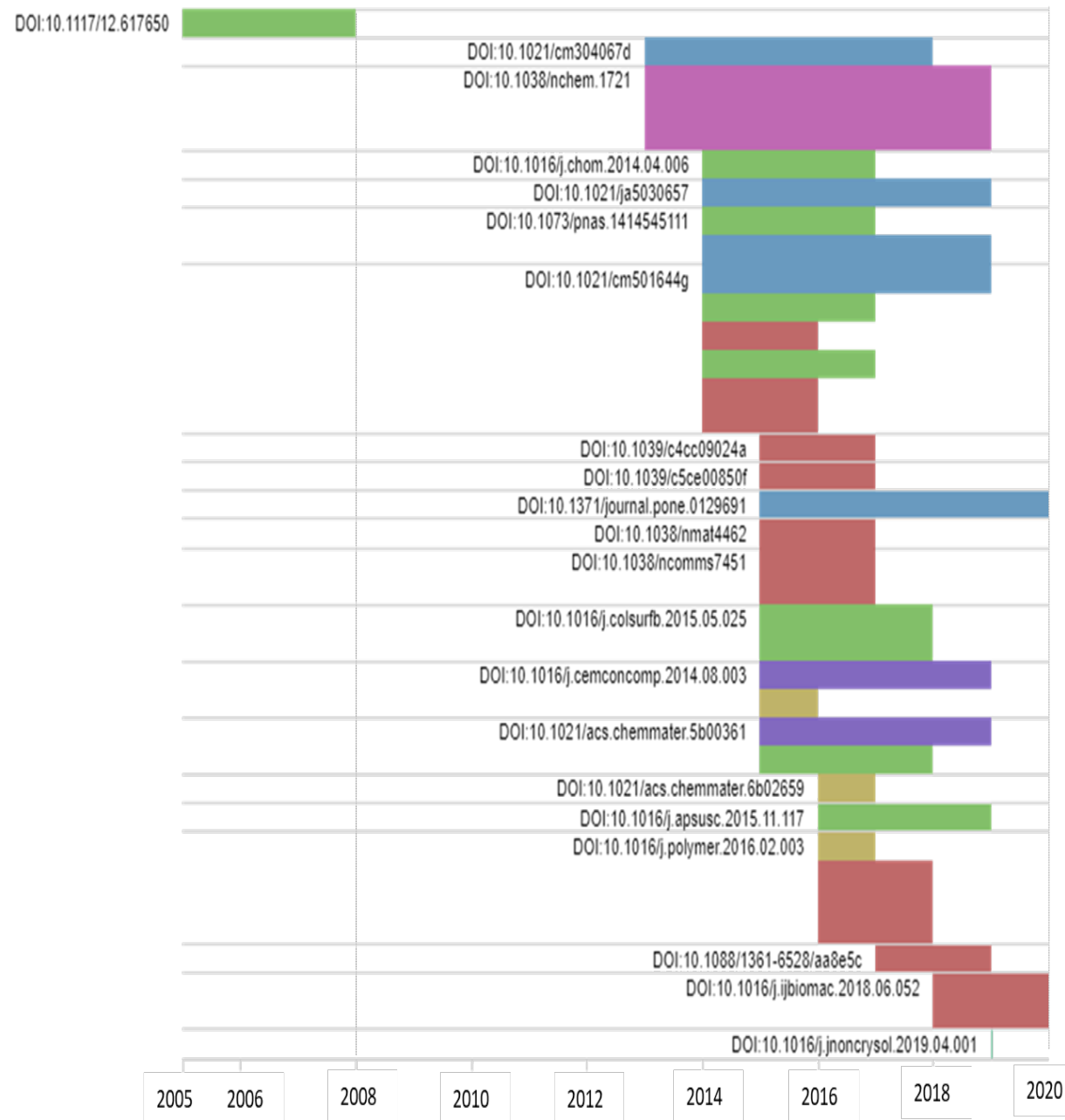
Patent search



Patent search



Patents citing P1 publications



Key findings

- Experiments at ALBA rarely involve direct academy-industry collaborations
- Links academy-industry tend to arise a-posteriori, indirectly, TT units are relevant
- Pathway to innovation is faster in some areas (e.g. Bioscience) and slower in others (e.g. solid state physics)
- 21/1723 ALBA publications are directly cited by 35 patents
- 243/ 9974 P1 publications are directly cited by 337 patents
- This is for ALBA a new route for impact identification
- Timescales are comparable to life of young facilities (such as ALBA)

Lessons learned by ALBA

- For the first time we have systematically studied innovation impacts
- User surveys are very useful to better understand some things we could guess
- Patent data mining is absolutely new to us, and opens new ways of quantifying impact
- Follow-up is needed periodically, since timescales are comparable to ALBA Project age
- This exercise is extremely interesting for



Santander - Regatas de traineras.



People are the key ingredient...



¡ Gracias !

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