### Relevant questions

- What is the current state of UC Mexico engagement in Science?
- Are there new or missed opportunities for partnership/collaboration?
- What value can UC add to education, outreach, and research programs in Mexico and vice versa?

#### UC-Mexus: an experience to build upon

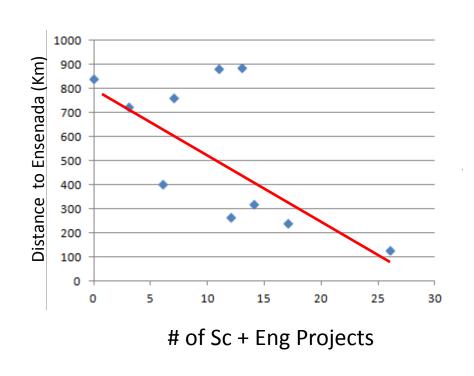
- 2011-2013: 333 grants total (Research, Posdocs & Grad. St.)
  - 82% for Bio, Medical, Social Sc. and Humanities
  - -44 [≈ (30 + 65)/2]% f participation! (thermodynamics)
- Remaining 18%: Missing opportunities?
  - 7% Eng., 4.5% Ph, Earth Sc. 3.5%, Ch. 2%, and 1%Math
- Science and Engineering: 110 grants.
  - Bio:54, Eng: 22, Ph: 14, Earth Sc.: 11, Ch.:7, Math: 2

#### Science and Engineering: UC distribution

#### 9/10 UC campi participate

<ul><li>S. Diego</li></ul>	26
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- Riverside 17
- LA 14
- Davis 13
- Irvine 12
- Berkeley 11
- S. Cruz7
- S. Barbara6
- Merced3
- S. Fco.

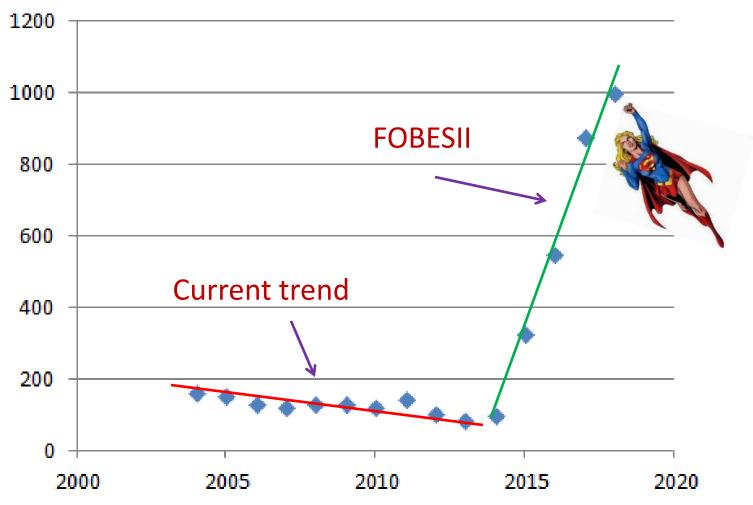


## Mexican-side grant distribution

25/45 institutions have Sc and Eng proyects.

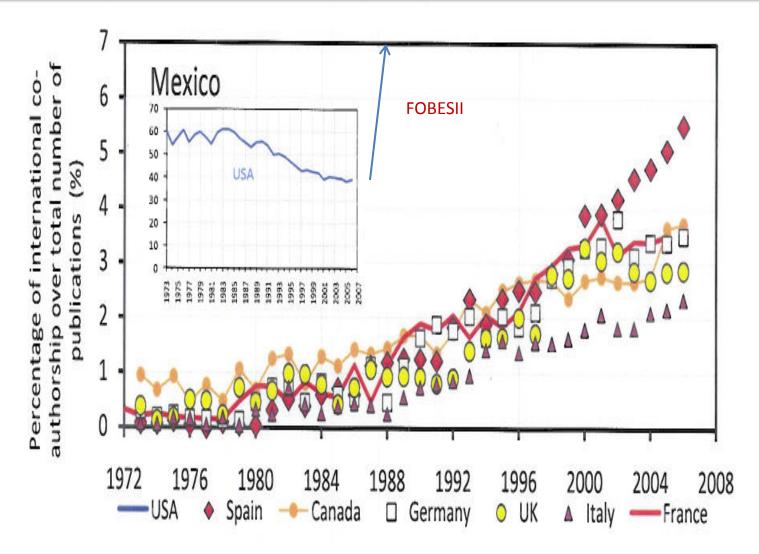
– UNAM	24 proje	ects
<ul><li>CINVESTAV</li></ul>	13	
<ul><li>CICESE</li></ul>	6	
<ul><li>UABC</li></ul>	6	Education, outreach and reserach?
– IPN	4	Education, oddreach and reserach:
<ul><li>UASLP</li></ul>	3	
– U. A. Morelos	3	
– INAOE	3	
– Rest:	1 each	

## **UC-Mexus grants evolution**



A change is badly needed

#### Mexican Scientific International Collaboration.



Source: G. Lemarchand (2008)

A generalized problem

#### Conclusion

- UC-Mexico relationship is excellent but could be helped.
- With LBNL, Livermore, SLAC, Silicon Valley, etc. there are plenty of opportunities to foster collaboration with Mexico in Science and Engineering
- A lot of value can be added by UC in education, outreach and research, especially to less developed Mexican institutions

# Thank you!