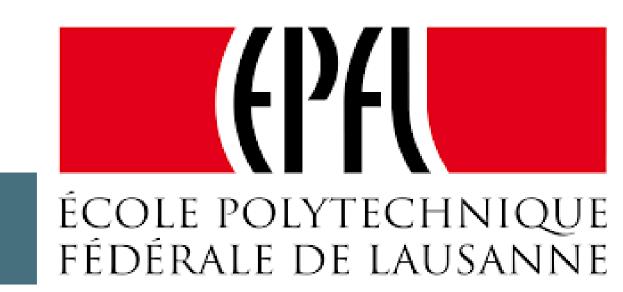


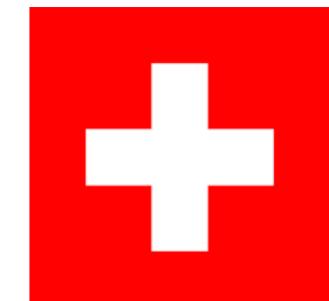
Emanuele Bugliarello, Maaz Mohiuddin and Wajeb Saab



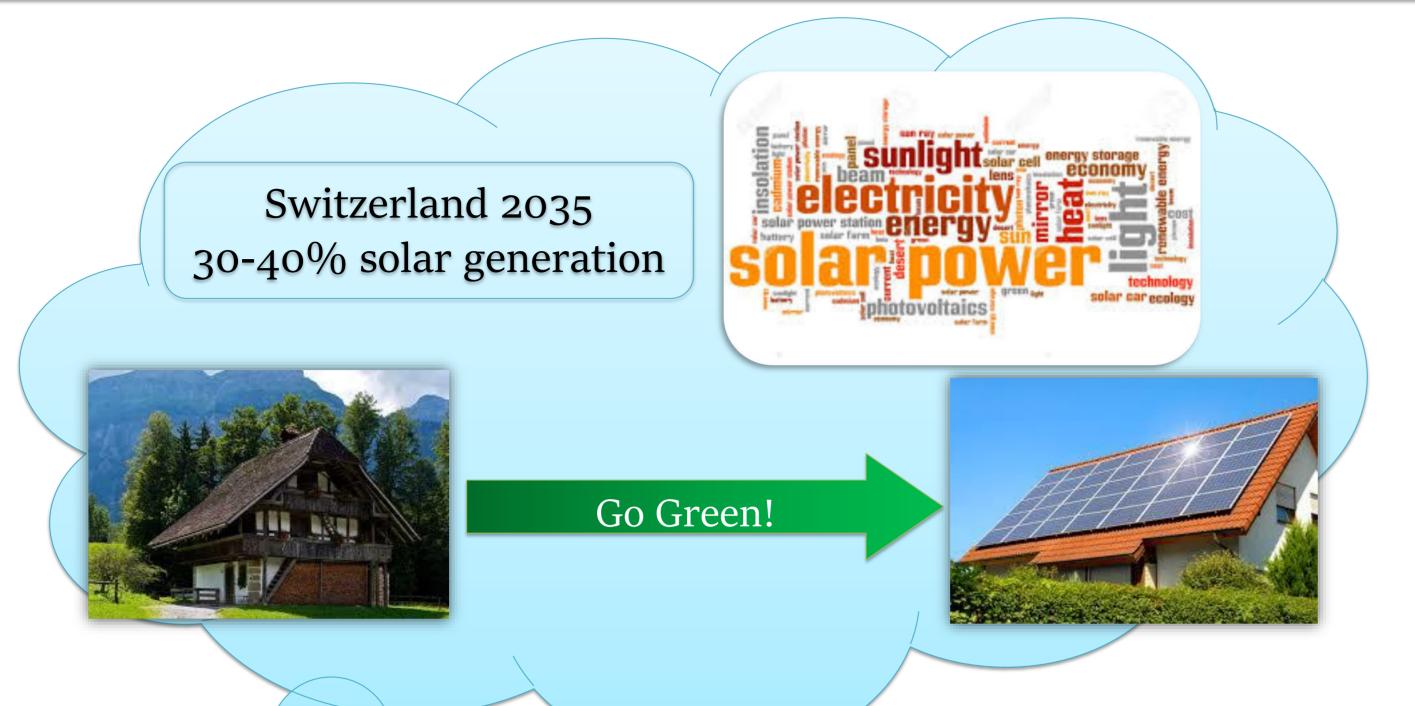


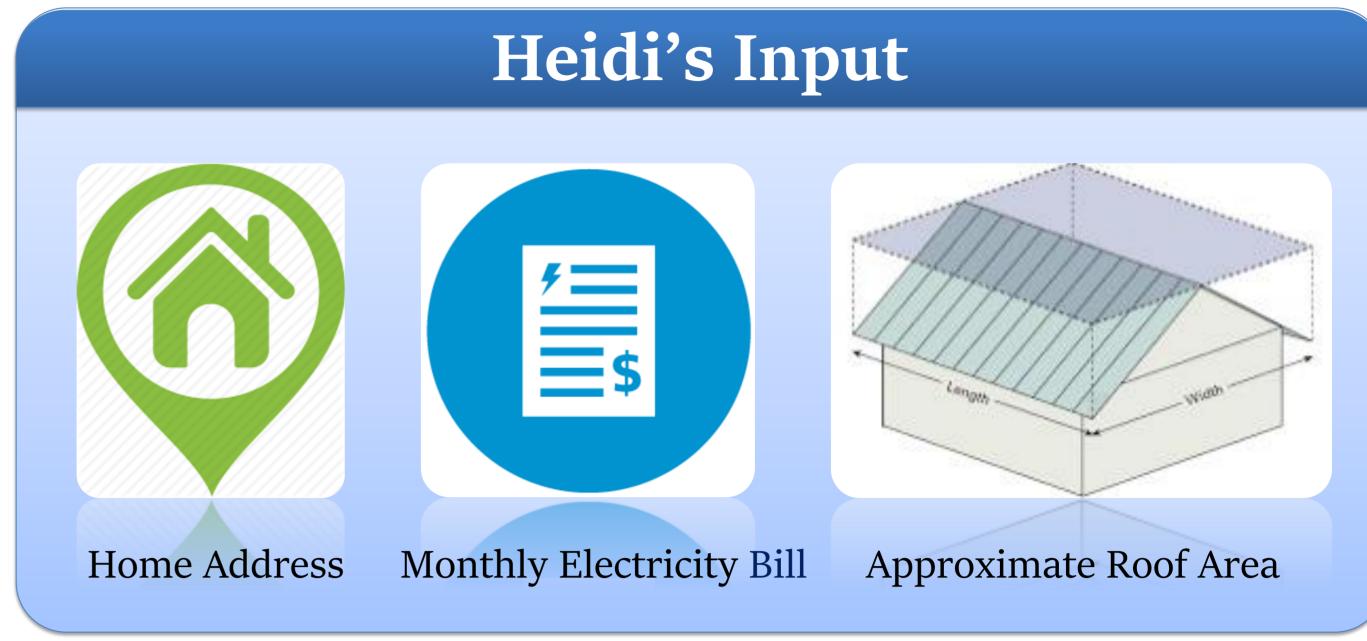
Solarity: Solar Clarity for Swiss Households www.github.com/e-bug/solarity

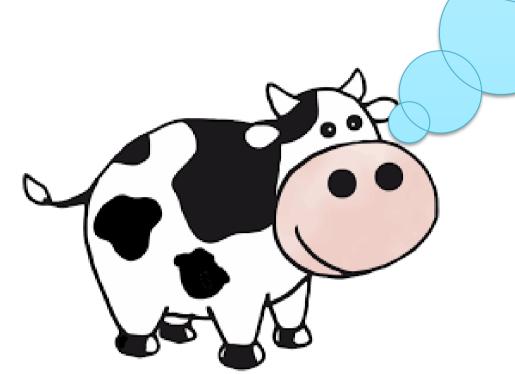




What's on Heidi's Mind?

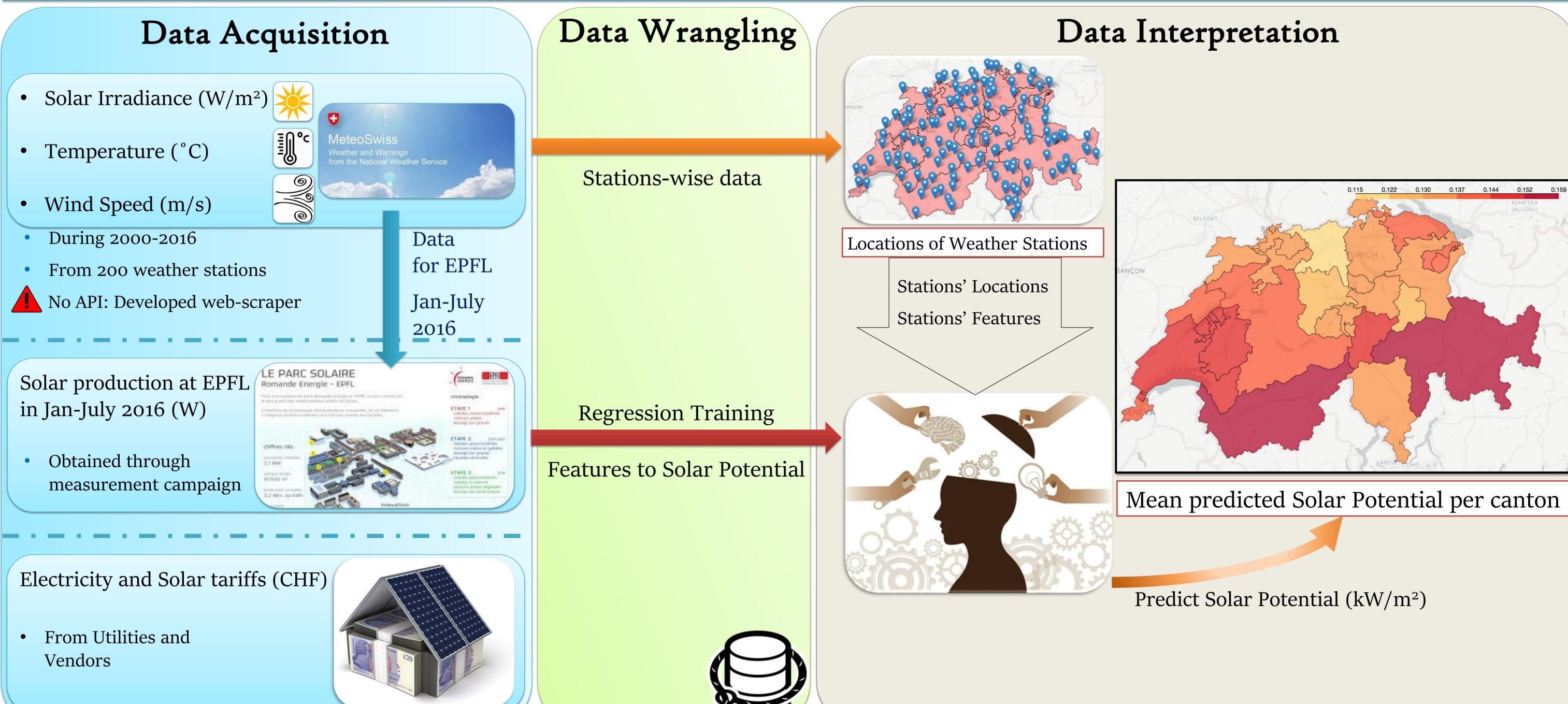




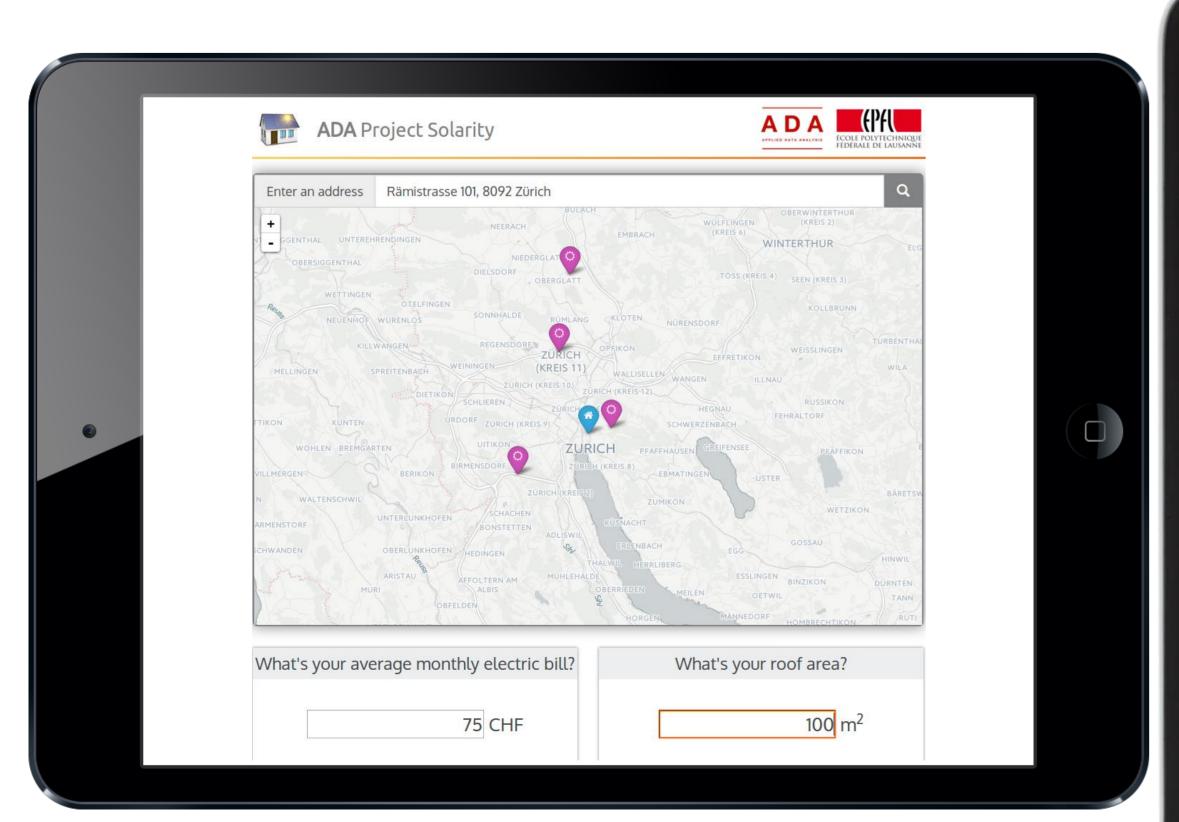


- ☐ How many solar panels do I need?
- ☐ How much does it cost?
- How much do I save?
- When do I break even?

Solarity: Under the Hood



Visualization



								_	
	1,000 1	,500 2,000	2,500	Amount [CHF]	3,500	4,000	4,500	5,000	
covered	5 % -			Savings after 25 year	s: 3,199 CHF				
roof cov	10 % -								
Percentage of	10 % -								
9									
Per	15 % -								
Per	15 % -								
Per	Initial Investm	ent S	avings after 25 years Annual savings	when 5% of ro	of is covered			<u>*</u>	
3,500	Initial Investm	ent S		when 5% of ro	of is covered			•	
-	Initial Investm	ent S		when 5% of ro	of is covered				
3,500 3,000	Initial Investm	ent S		s when 5% of ro	of is covered				
3,500 3,000 2,500 2,000	Initial Investm	ent S			of is covered				
3,500 3,000 2,500 2,000 1,500 1,000	Initial Investm	ent S	Annual savings		of is covered				
3,500 3,000 2,500 2,000 1,500 500	Initial Investm	ent S	Annual savings		of is covered				

Initial Investment	1525 CHF
Total Earnings (25 yrs)	4724 CHF
Total Savings (25 yrs)	3199 CHF

Years until Payback