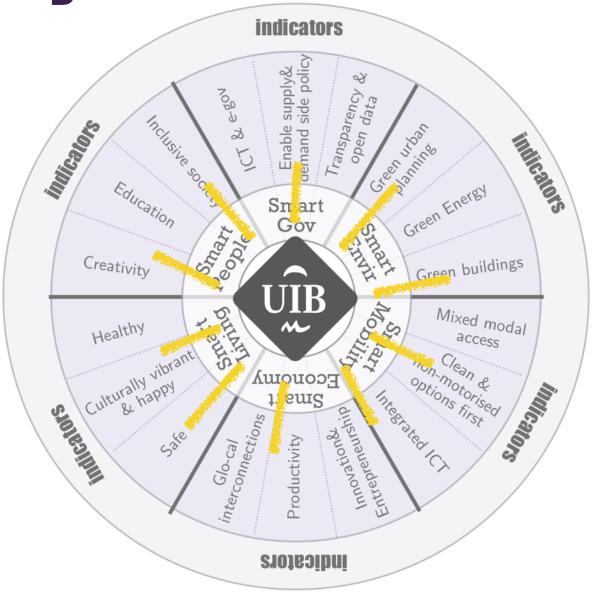
UIB Campus: adaptation & mitigation experiences

— the view from SMART UIB —

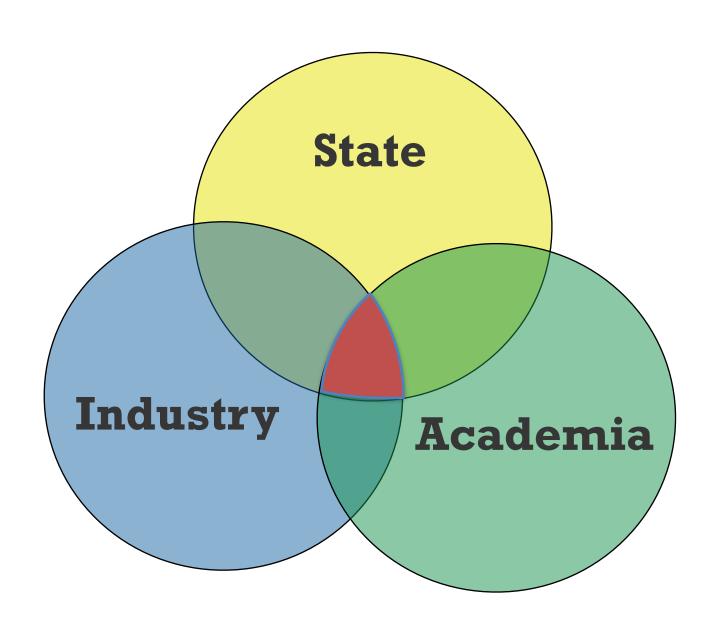
SMART-What?

the origin story...

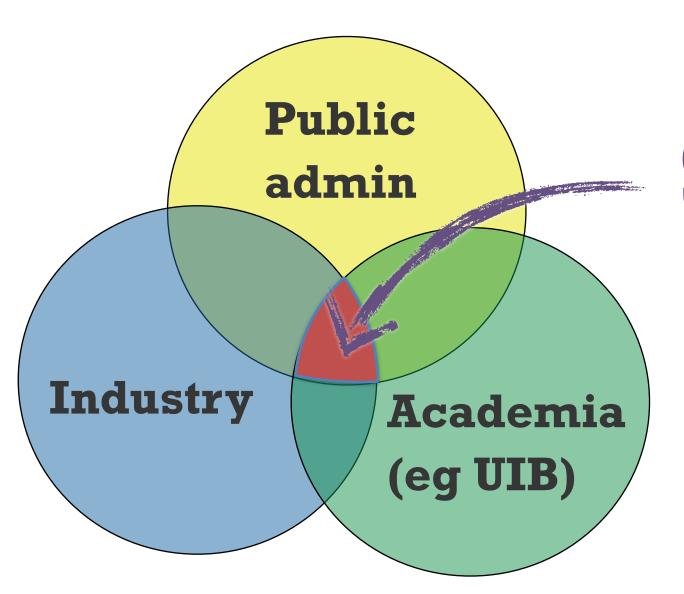


& now

sustainable multi-disciplinary/multi-stakeholder applied regenerative transformative



Etzkowitz & Leydesdorff (1996)



SMART UIB

we tackle climate change... how?

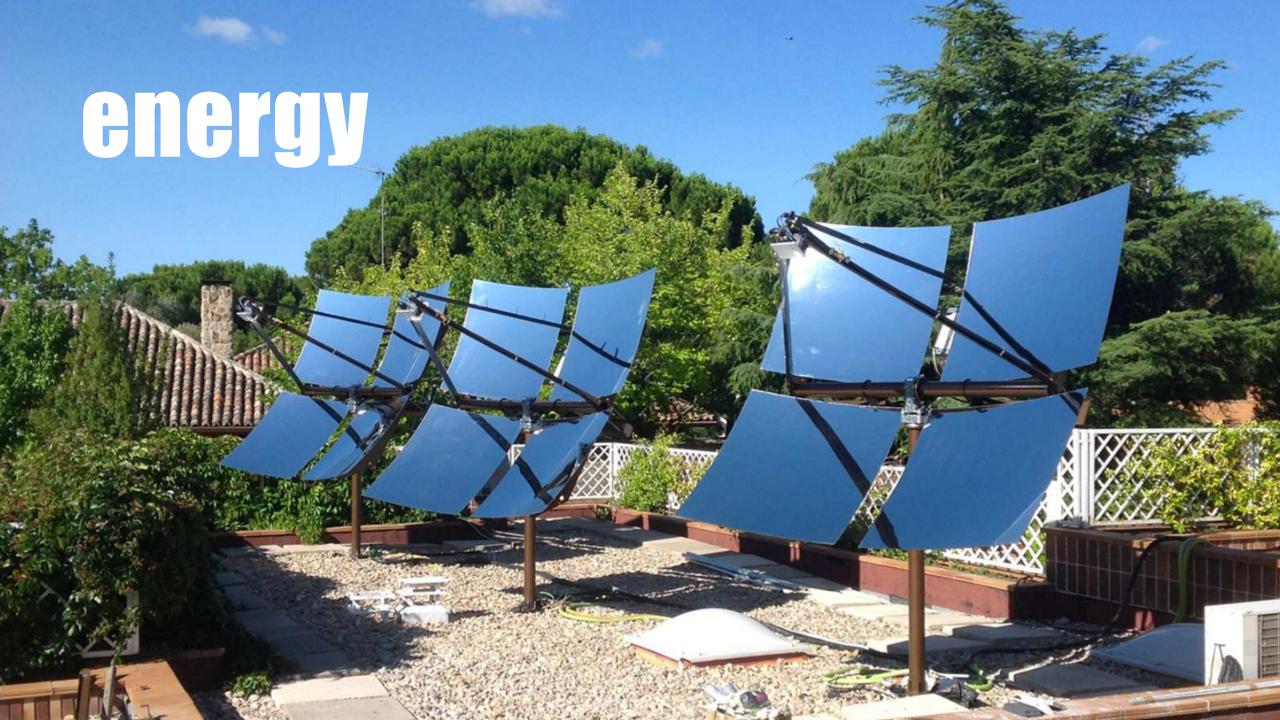
1. buildings 2. campus 3. SMART park

buildings









2 campus



resting on 4 main ideas

energy efficiency is a source of energy on its own

SO: let's...

energy
audit on
campus

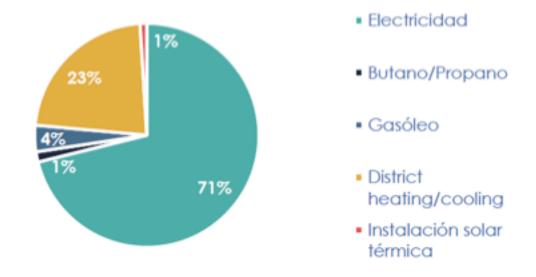
so we did

with a little help from our friends...

	Consumo (kWh/año)	Coste (€/año)
Electricidad	9.784.441	809.756
Butano/Propano	203.547	19.619
Gasóleo	526.205	32.966
District heating/cooling	3.105.414	172.383
Instalación solar térmica	133.787	0
TOTAL	13.753.394	1.034.724

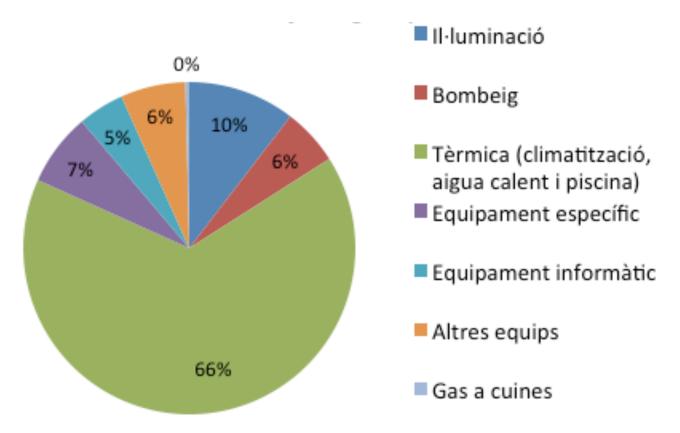
^{*} Excluding contracted power costs (261,149€/any)

Balance energético por fuentes



source: Balantia energy audit

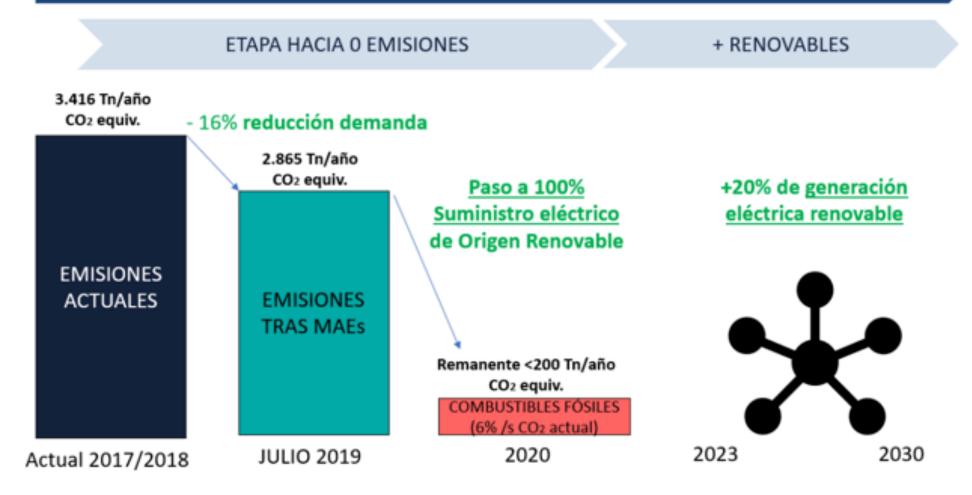
Energy use



source: Balantia energy audit

PLAN SMART ENERGY UIB

HORIZONTE 2030



"all energy must become electricity"...

is

energy should be...

locally sourced with minimal processing

to maximise efficiency





NEVER WASTE generated energy

don't need it right now?

(a) use it Ifor something elsel

don't need it right now?

(b) store it

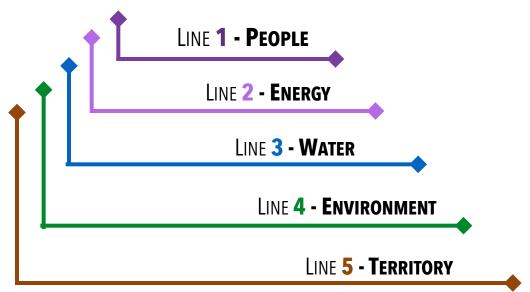
use devices within their optimal range

climate change challenges



S.M.A.R.T.

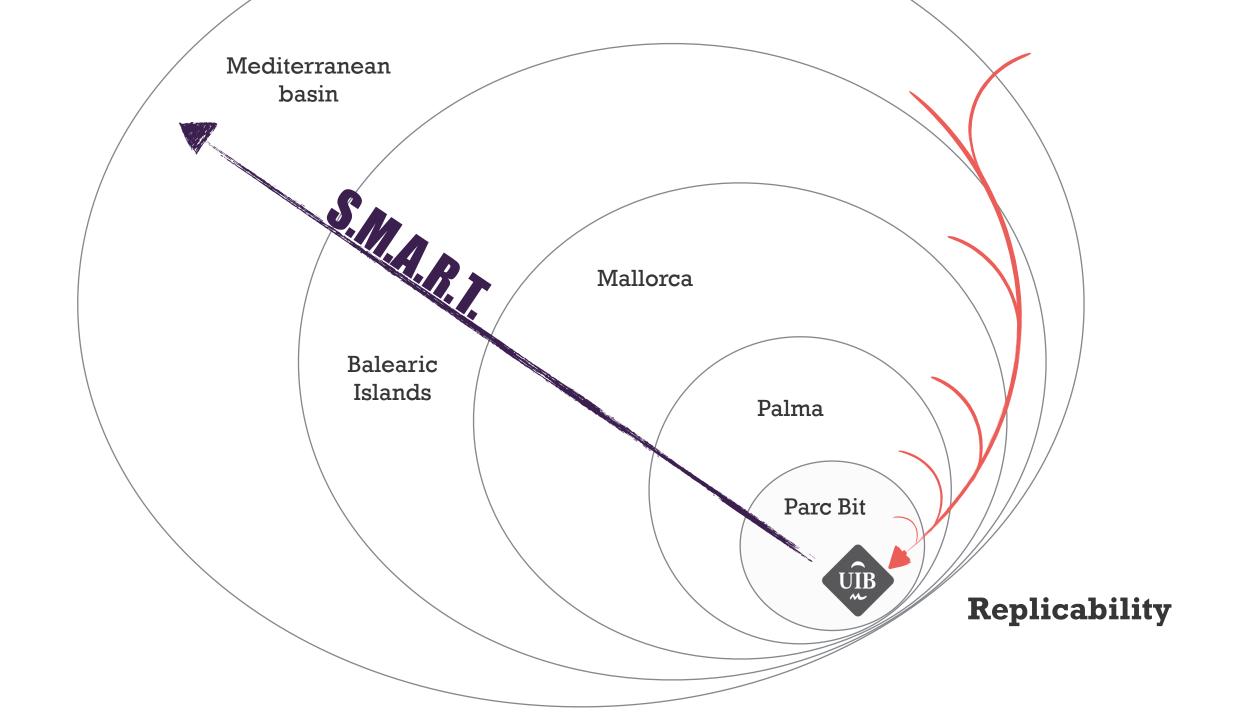
5 LINES OF ACTION



strategy = a+b-c

strategy = a+b-c

develop & verify solutions that work and scale



Encourage uptake and adoption of solutions.

BRAINS + TECH + ETHICS

STORY + FEELING

apeople that invent solutions

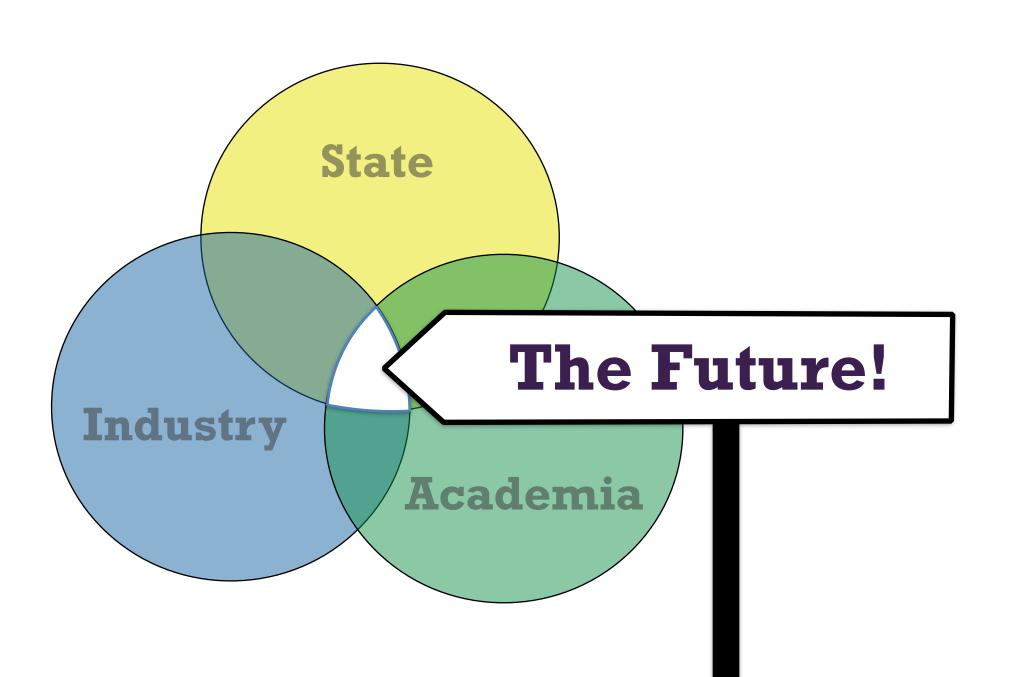
people that deploy solutions

climate change 15 about neonle. the choices they make

S.M.A.R.T. LINE **1 - PEOPLE** LINE 2 - ENERGY LINE **3 - WATER** LINE 4 - ENVIRONMENT LINE **5 - TERRITORY**

strategy = a+b-c

bureaucracy, politics, parochialism...





what do you choose?

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