

energie sprong

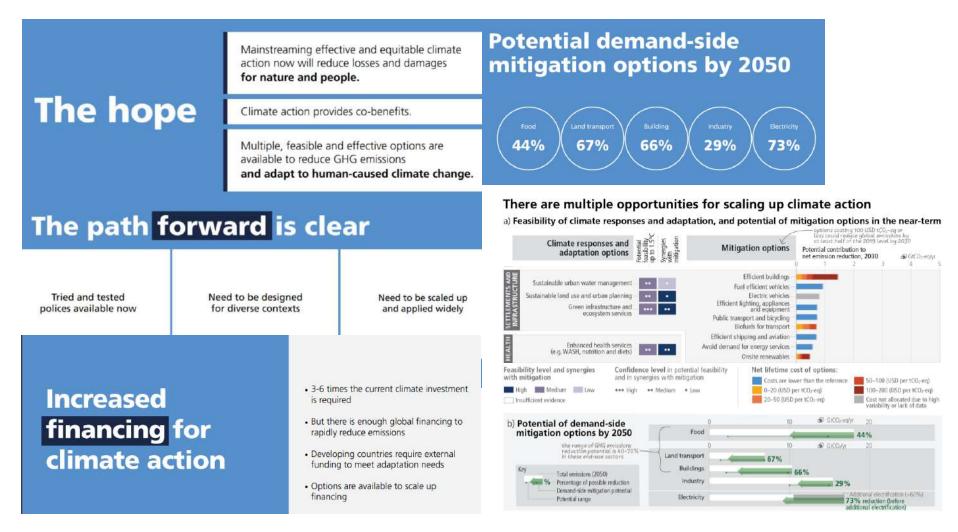
Scaling up a Net Zero retrofit market in EU

Perspectives from the Global Energiesprong Alliance

Rebuild Italia

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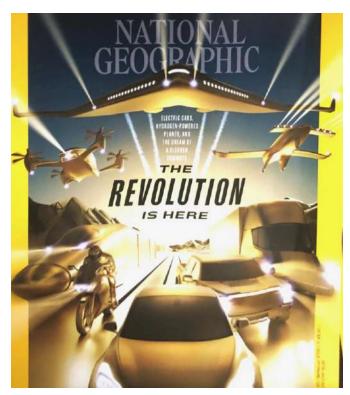
IPCC tell us: the worst is not a certainty, pending we invest 3 to 6 times more, time is switching from testing to copying





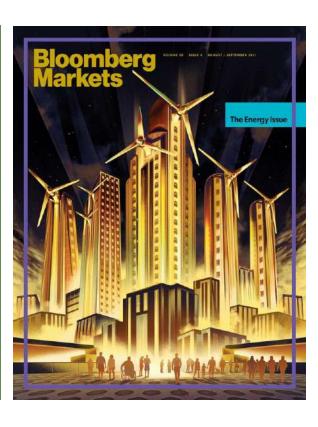


Energy retrofit of buildings is the most underinvested key leverage of the energy transition: hype is not here, yet









Where is the cover on building energy efficiency, which is 40% of the problem?





Deep energy retrofit being expensive is a fact: not a fatality. Let's work on making cheaper deep energy retrofit a reality





Stop thinking we should choose between « a few deep energy retrofits » or « many light energy retrofits ». Many affordable deep energy retrofits is the way to go







Dare to have simple & radical solutions on the right market to activate a demand: toward Net Zero Energy Retrofit

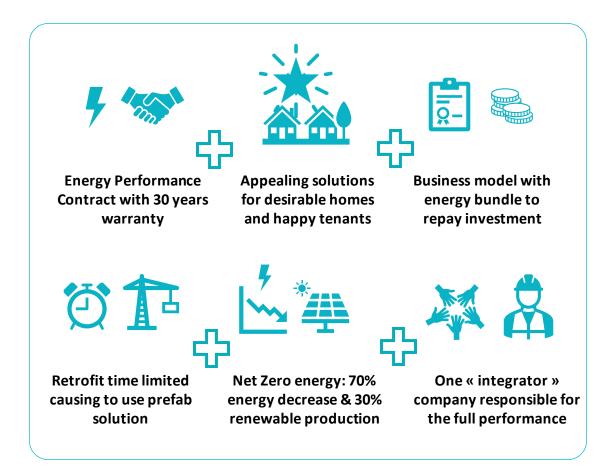
Ambitious and clear (zero pesticide): a success even is more expensive





Less ambitious and less clear: did not work well even if less expensive





Going NZEB in 1 step will not be the only way but should be "locomotive market" driving further innovation



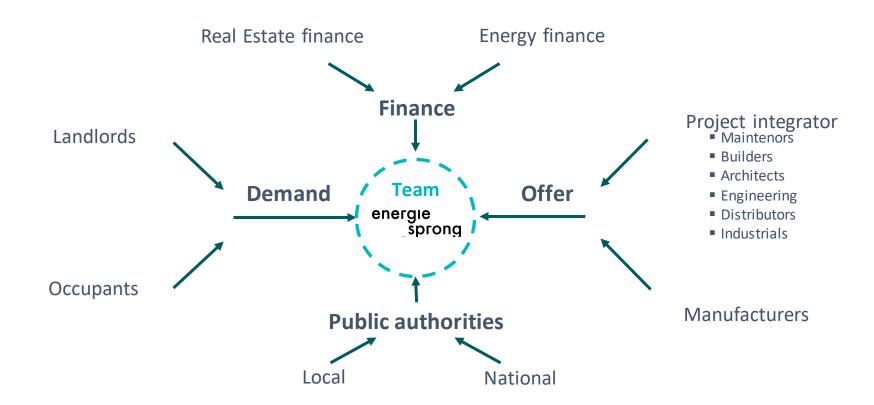








Aligning stakeholder interests to make a net zero market emerge, in line with national context is what the Energiesprong movement is acting on



Such an approach of publicly funded « intermediation of general interest » by a market development team is an efficient & innovative public policy being deployed from country to country

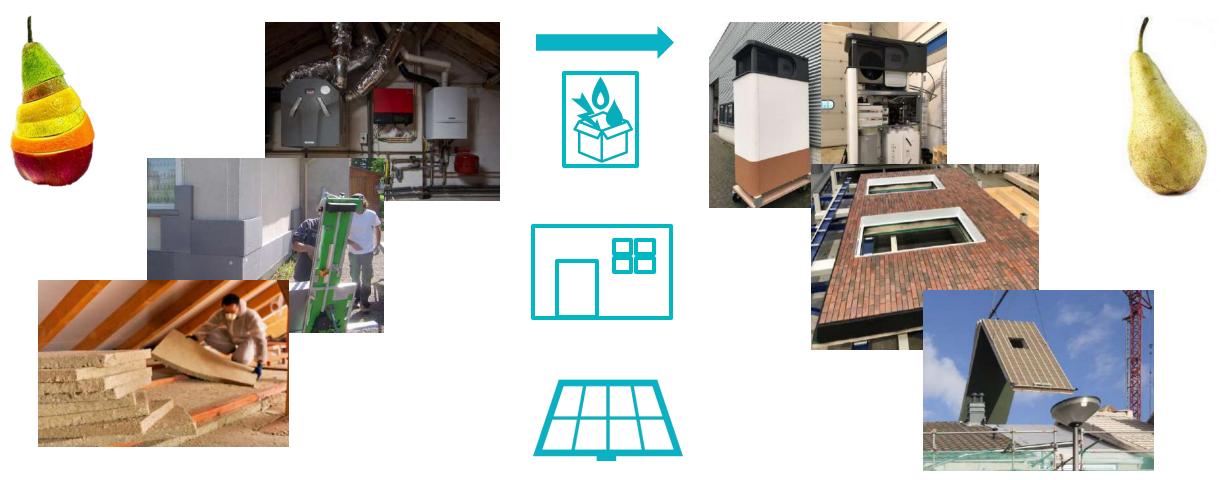








More integrated solutions, going off-site to get more efficient are being developed for façade, roofs & energy systems



Switching from 15 to 3 integrated suppliers for providers delivering performance to end user / building owners









The idea works in different EU countries, with many various suppliers and many housing organizations involved

Nearly 10 000 housing retrofitted

Price curve going down but still expensive



NL: > 7.000 homes



FR: > 2.000 homes



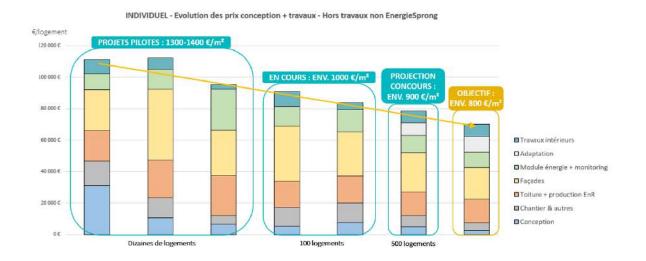
UK: > 200 homes



DE: > 100 homes



IT:>5 homes



We need more volume, more volume & more volume to carry on development in a stable & supportive environment. Rome was not built in a day



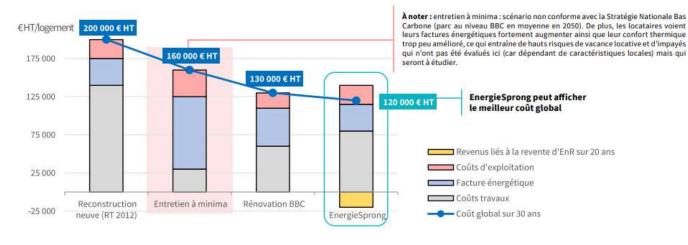




It is not just about random volumes, typology matters. It is time to build catalog and to deal with higher investment acceptance







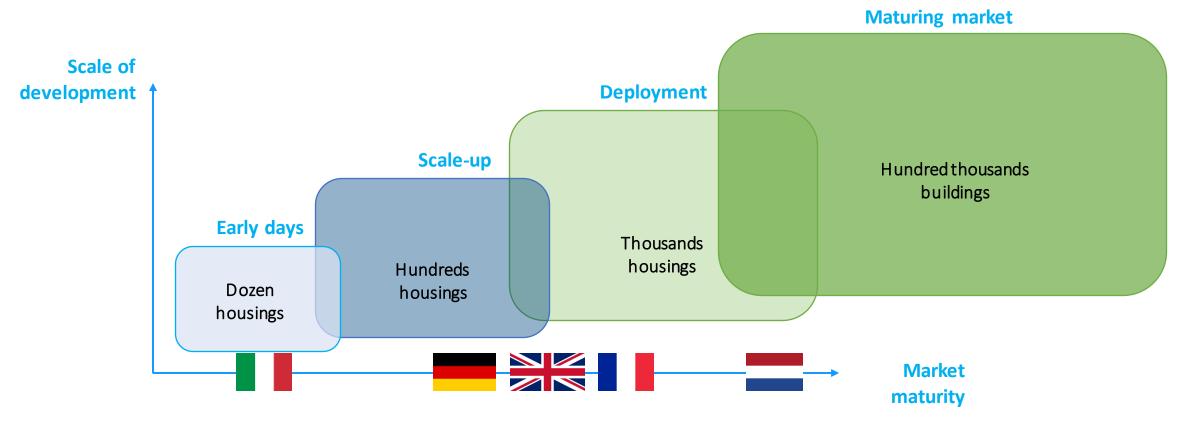
¹⁾ Ce prix n'est pas le prix minimal sur le long terme : il peut être amené à évoluer encore à la baisse au-delà des deux années à venir.

CFO have to rethink their analysis in a post carbon world to be able to afford more than a few prototypes. Organizing & financing the replication is the challenge now



²⁾ Prix conception + réalisation, excluant les travaux hors EnergieSprong

Different market maturity in different EU countries, the challenge is to accelerate strongly these development



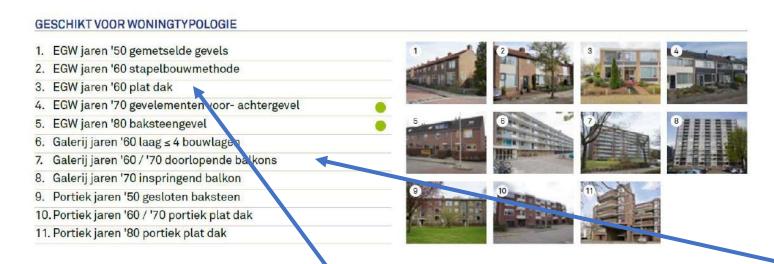
Challenges are different at different market development stages, but this is EU beauty, some are paving the way for us to smartly copy / paste



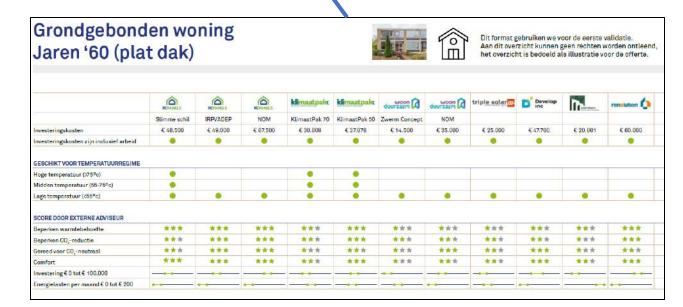


North-West Europe

It is crucial now to jump from "projects" to "products" adapted to specific archetypes to really get "serial" & open Gigafactories



- With different teams of builders / industrials developing integrated solutions for specific archetype they would specialize into and where they would not reinvent engineering and deliver high volumes
- Developing "products" is the most important thing to drive cost down and delivery large series. Just going "off site" for "one shot" projects will not solve the issue



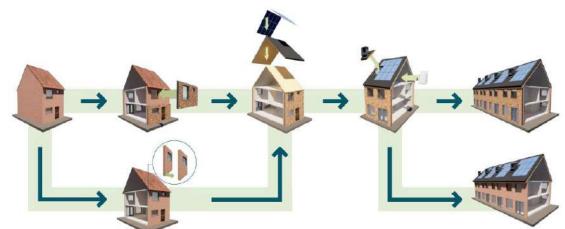


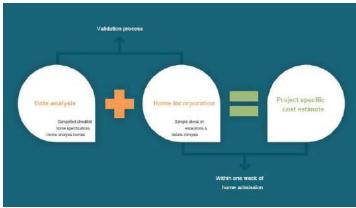
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Future is thinking regional <u>catalog</u> for dozen of thousands E=0 prefab retrofit to deliver in every region













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EU & national Policies are needed to support that market scale up: toward demand, offer & market development

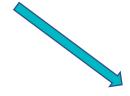




- Low borrowing rate for buildings owners
- <u>Temporal decreasing subsidies</u>
- Mandatory NZEB % retrofit in energy retrofit target to activate a growing demand

Action 2: simplify the support to market intermediation

Create <u>stable ways to finance Market</u>
<u>Development Team</u> over 5-10 years



Action 3: support to EU industrial champion

 Strong subsidy <u>support EU industrial</u> <u>champion for NZEB off site retrofit</u> beyond State Aide rules to <u>set</u> <u>gigafactories & improved products</u>



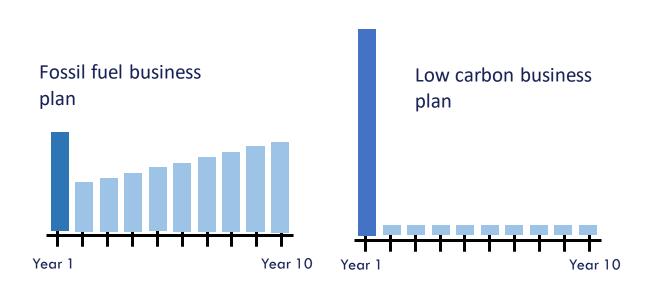


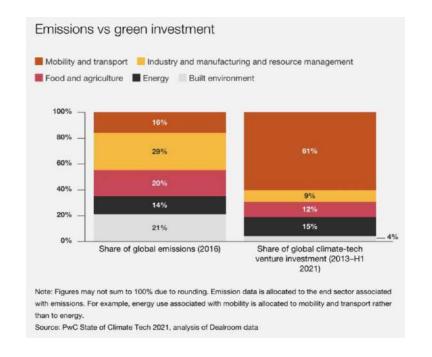


But this is not just about public policies but about market players changing pace in ambition and business model

Building owner to rethink their business model when investing 3 times more is needed

Solution providers to fund and find investor for such scale up switch











Jumping from 10 000's to million's is our current challenge and it will need business model shift & new frontiers to overcome

France in 1904 for cars



EU in 2023 for E=0 retrofits

10 000 homes









Producing better & cheaper solutions (with lower carbon footprint), financing capacities both in demand & offer side, training enough workforce





> Join the movement and help us go one step further



We want to make waves and support the Green renovation wave

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