

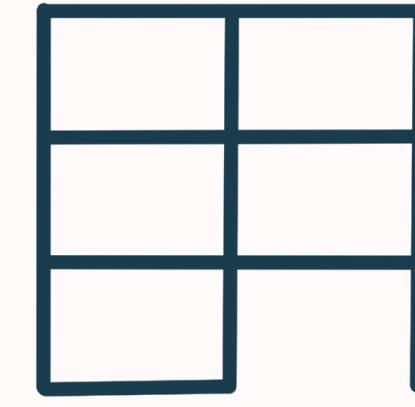
BUILT ENVIRONMENT

PROGRAMME IMPACT & LEARNING

INVESTMENT & FOCUS

our EVIDENCE SHOWS **STRONG PROGRESS**

IMPACT & PROGRESS



TOTAL COMMITTED
€55.6M

€97.7M
LEVERAGED

JANUARY 2020 - DECEMBER 2023

54 PARTNERS
3 GEOGRAPHIES
of STRATEGIC FOCUS
GERMANY SPAIN UK

TOP THREE B RUBRIC RATINGS & JUSTIFICATIONS from EVIDENCE

B1 01. INCLUSIVE POLICY 2023: PARTIALLY CONDUCTIVE, IMPROVING 2021/22: UNCONDUCTIVE, STABLE	B6 02. MULTI-STAKEHOLDER COALITIONS 2023: PARTIALLY CONDUCTIVE, IMPROVING 2021/22: UNCONDUCTIVE, IMPROVING	B7 03. REDEFINED VALUE 2023: PARTIALLY CONDUCTIVE, IMPROVING 2021/22: UNCONDUCTIVE, STABLE
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KEY POCKETS of SUCCESS:

the UNDERSTANDING of THE URGENCY of CLIMATE CHANGE is PUSHING FOR MORE INNOVATIVE THINKING REGARDING BUILDING MATERIALS, WITH MUNICIPALITIES & NATIONAL GOVERNMENTS EMPHASISING LOW CARBON and BIO-BASED BUILDING MATERIALS TO BE USED, PURSUING MORE INTENTIONAL FORESTRY for use in BUILDING & WITH GREATER UNDERSTANDING of EMBODIED CARBON in THE MATERIAL MIX.

KEY AREAS of RESISTANCE

WHILE THERE IS SIGNIFICANT MOMENTUM TAKING PLACE in THE POLICY LANDSCAPE, the DEMAND FOR AFFORDABLE HOUSING in EUROPE RISKS OVERWHELMING the NEED FOR SMART & SUSTAINABLE BUILDING POLICIES.

KEY POCKETS of SUCCESS:

MULTIPLE EXAMPLES of NATIONAL COALITION BUILDING WHICH HAS EFFECTIVELY INFLUENCED EU POLICY.
the NET ZERO CARBON BUILDINGS COMMITMENT HAS OVER 180 SIGNATORIES SIGNALLING THE HIGH LEVELS of ENGAGEMENT & ALIGNMENT THAT ARE REQUIRED, WHILE DEMONSTRATING STRONG MOMENTUM as MORE COUNTRIES MAKING COMMITMENT YEAR ON YEAR.

KEY AREAS of RESISTANCE

MOMENTUM IS HARD WON WHERE THERE IS POLITICAL INERTIA at CITY & MUNICIPAL LEVELS PARTICULARLY on the INCLUSION of EMBODIED CARBON STANDARDS.

MEANWHILE, COMPLEX & INCONSISTENT SUSTAINABILITY METRICS HINDER WIDESPREAD ALIGNMENT AMONG BUILT ENVIRONMENT INDUSTRY ACTORS WHO ARE ALREADY RESISTANT to CHANGES DUE to COST CONCERNS & ENTRENCHED PRACTICES.

KEY POCKETS of SUCCESS:

the FRONTRUNNERS, FROM ASSET OWNERS & GOVERNMENTS to INVESTORS, SEE the WRITING ON THE WALL and WANT to ENSURE THAT BUILDING STANDARDS ARE SUFFICIENTLY INSULATING AGAINST the CLIMATE CRISIS.

FINANCIAL INSTITUTIONS ARE SIGNALLING to THE MARKET THAT ASSET OWNERS MUST USE CRREM to ASSESS STRANDED ASSET RISK & COMPLIANCE WITH CARBON BUDGETS, THOUGH IMPLEMENTATION BEYOND ASSESSMENT IS STILL NOT WIDESPREAD.

KEY AREAS of RESISTANCE

the INTERNAL CHANGES to MINDSETS, POLICIES, PROCUREMENT, LEADERSHIP TAKE MORE TIME than EXPECTED.

IN ADDITION, LACK of CARBON PRICING, INSURANCE MECHANISMS & BROADER MARKET FORCES ARE MAKING the ADOPTION of NEW FRAMEWORKS and TOOLS A STEEP UPHILL BATTLE.

WHILST UPTAKE of BIOBASED MATERIALS IS GROWING CENTRING NATURE & KNOWLEDGE of COMPLEX SUPPLY CHAINS to ENSURE THIS IS DONE WELL by INDUSTRY REMAINS CHALLENGING & NEEDS PHILANTHROPIC SUPPORT.

DIRECTION of TRAVEL
→ IMPROVING
↓ STABLE
← BACKSLIDING

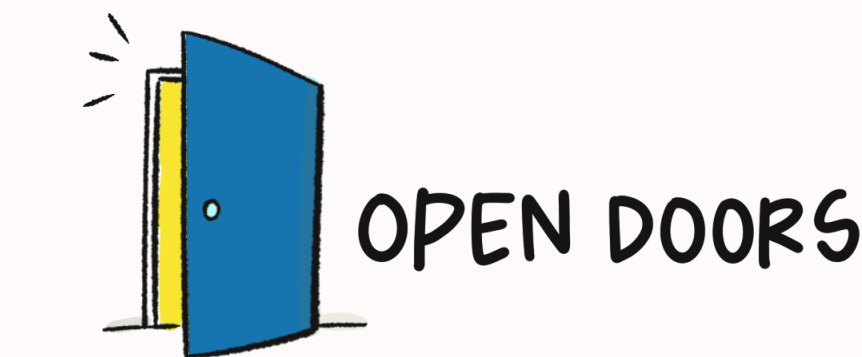
COLOUR LEGEND
● HARMFUL
● UNCONDUCTIVE
● PARTIALLY CONDUCTIVE
● CONDUCTIVE & SUPPORTIVE
● THRIVABLE



LEARNING

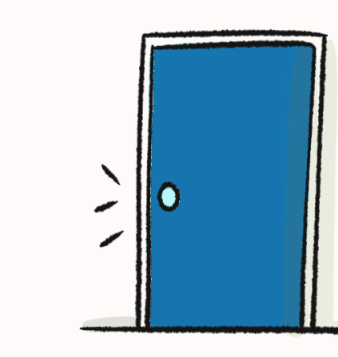
OUR CONTEXT is SHIFTING
& WE ARE ADAPTING

OVERALL, WE SEE a MIX of CLOSED DOORS, OPEN DOORS AND BRICK WALLS



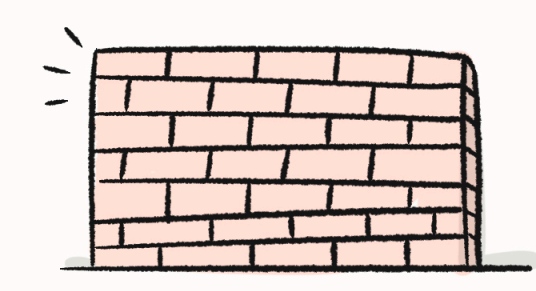
OPEN DOORS

the SHIFT TOWARD CIRCULAR ECONOMY & SUSTAINABLE INFRASTRUCTURE PRESENTS STRONG OPPORTUNITIES for INCLUSIVE POLICIES THAT ALIGN WITH CLIMATE GOALS and RESOURCE EFFICIENCY, ESPECIALLY as GOVERNMENTS PUSH for GREEN TRANSITIONS in URBAN PLANNING & CONSTRUCTION.



CLOSED DOORS

IMPLEMENTATION of SUSTAINABILITY-FOCUSED REGULATIONS, SUCH AS BUILDING DECARBONISATION or WASTE MANAGEMENT, FACES RESISTANCE from ENTRENCHED INDUSTRY PLAYERS, WITH SLOW PROGRESS on HARMONISING STANDARDS ACROSS REGIONS.



BRICK WALLS

the REAL ESTATE & CONSTRUCTION SECTORS OFTEN PRIORITISE SHORT-TERM PROFITS OVER LONG-TERM ENVIRONMENTAL GOALS, WITH ENTRENCHED RESISTANCE to MANDATORY SUSTAINABILITY REPORTING & IMPLEMENTATION of ACTIONS to ALIGN WITH 1.5 DEGREES.

165 STORIES RANKED "MOST SIGNIFICANT"
MEANING THEY HAVE a HIGH DEGREE of BREATH, DEPTH, STICKINESS, STRATEGIC RELEVANCE and CONTRIBUTION FROM LAUDES

447 STORIES of CHANGE

TOP 3 GEOGRAPHIES of IMPACT
EU UK SPAIN



TOP 3 STORIES of CHANGE

1. SUPPORTIVE POLICY FRAMEWORKS for WHOLE-LIFE CARBON FOOTPRINTS

PROBLEM EMBODIED CARBON of CONSTRUCTION ACTIVITIES THREATEN to BLOW THE REMAINING CARBON BUDGET, if NOT ADDRESSED PROACTIVELY & COMPREHENSIVELY. GLOBAL REGIONS ARE LOOKING to THE EU to ESTABLISH a PATHWAY HERE

WHAT HAPPENED? BPIE, WORLDGBC, CARBON NEUTRAL CITIES ALLIANCE, EUROPEAN CLIMATE FOUNDATION, RAMBOLL, INDICATE and BAUHAUS DE ERDE, WORKED in COORDINATION ACROSS PRIVATE, PUBLIC & CIVIC SECTORS.

THEIR ADVOCACY REFLECTED REAL, ON THE GROUND IMPLEMENTATION WORK on EMBODIED CARBON ACROSS the EU, WITH HUNDREDS of LEADING BUSINESSES COMMITTING to & TAKING SPECIFIC ACTIONS - TO ENSURE EMBODIED CARBON IS INCLUDED in BUILDING POLICIES so THEY HAVE REGULATORY CERTAINTY & MARKET PULL.

KEY OUTCOME MAJOR POLICY WIN - the EU's MAIN BUILDINGS DIRECTIVE WILL REQUIRE ALL NEW BUILD PROJECTS to ASSESS EMBODIED CARBON ALONGSIDE ENERGY PERFORMANCE, AND WILL INTRODUCE PERFORMANCE LIMITS in THE COMING YEARS.

2. BUILDING STOCK RISK MANAGEMENT with CARBON RISK REAL ESTATE MONITOR

PROBLEM REAL ESTATE INVESTORS LACKED a CLEAR SET of NUMBERS to ASSESS THE COMPLIANCE of REAL ESTATE PORTFOLIOS & ASSETS WITH 1.5 DEGREES, and SET PLANS to DEAL WITH ASSET STRANDING RISK - E.G. by RENOVATING.

WHAT HAPPENED? IN LESS THAN 5 YEARS the CARBON RISK REAL ESTATE MONITOR (CRREM) HAS DEVELOPED the WORLD'S CENTRAL PARIS-ALIGNED TOOL for REAL ESTATE INVESTORS. THE TOOL INCREASED INVESTOR AWARENESS for REAL ESTATE PORTFOLIO RISKS & POTENTIAL for STRANDED ASSETS. STRATEGIC PARTNERSHIPS ACROSS the ECOSYSTEM HELPED GROW UPTAKE to \$6 TRILLION AUM USING CRREM.

KEY OUTCOME

CRREM IS CURRENTLY in USE in 28 COUNTRIES in EUROPE and IS EXPANDING UPTAKE in THE US & ASIA. STAKEHOLDERS ARE NOT ONLY USING THE TOOL BUT ARE ADJUSTING THEIR BUSINESSES PRACTICES BASED on INSIGHTS DRIVEN FROM CRREM. IT HAS BECOME the DE-FACTO GLOBAL INVESTOR TOOL for ASSESSING CARBON PERFORMANCE RISK of REAL ESTATE.

3. SUSTAINABLE BUILDING MATERIALS with TIMBER

PROBLEM CONSTRUCTION CONTINUES to RELY HEAVILY ON CARBON-INTENSIVE CEMENT & STEEL UPTAKE of LOW-CARBON TIMBER IS ONLY 1-3% of BUILDINGS in MANY MARKETS.

WHAT HAPPENED? PARTNERS SUCH as BUILT BY NATURE (BBN), CLIMATE-KIC, CAMBRIDGE UNIVERSITY, BAUHAUS DE ERDE, BWI and OTHERS PROMOTED TIMBER as a SAFE, SUSTAINABLE & ECONOMICALLY VIABLE BUILDING MATERIAL THROUGH WORK on INSURANCE SCHEMES for TIMBER, ADVOCACY WITH GOVERNMENTS & BUSINESS NETWORKS, CLOSE COLLABORATION WITH LEADING CITIES and ENGAGEMENT on SOLUTIONS to UPTAKE WITH FRONTRUNNER BUSINESSES.

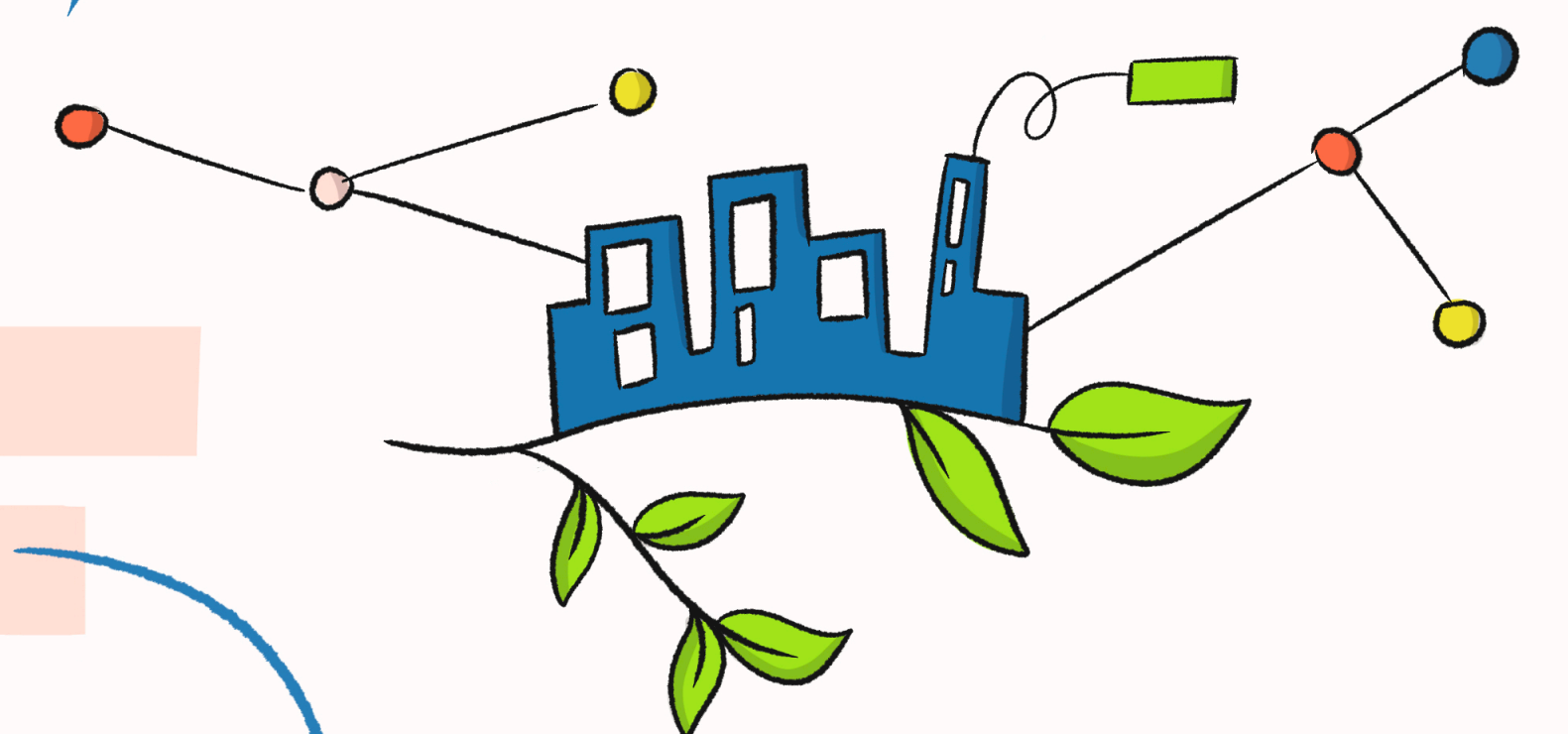
KEY OUTCOME

BBN HELPED OVERCOME UK INSURANCE BARRIERS WITH PROJECTS USING ITS GUIDANCE to ACHIEVE LOW PREMIUMS. URSULA VON DER LEYEN HIGHLIGHTED MASS TIMBER in the EU STATE OF THE UNION and MILLIONS in REI FUNDS HAVE BEEN RELEASED. SPAIN'S REGIONAL GOVERNMENTS ARE SETTING TIMBER CONSTRUCTION TARGETS.

CULTIVATING ALLIANCES, ACCELERATING ADVOCACY & SCALING RESEARCH and INNOVATION are DRIVING CHANGE:

72 MOST SIGNIFICANT STORIES of CHANGE	CULTIVATING ALLIANCES → 268 (60%)
84 MOST SIGNIFICANT STORIES of CHANGE	ACCELERATING ADVOCACY → 253 (57%)
48 MOST SIGNIFICANT STORIES of CHANGE	SCALING RESEARCH & INNOVATION → 207 (46%)
61 MOST SIGNIFICANT STORIES of CHANGE	AMPLIFYING NARRATIVES → 198 (44%)
51 MOST SIGNIFICANT STORIES of CHANGE	REDEFINING VALUE → 197 (44%)
27 MOST SIGNIFICANT STORIES of CHANGE	STRENGTHENING ACCOUNTABILITY → 103 (23%)

EXAMPLE:
THIS APPROACH WAS INSTRUMENTAL in ESTABLISHING CRREM as a LEADING TOOL for REAL ESTATE INVESTORS, GAINING WIDESPREAD INDUSTRY SUPPORT and PROMOTING GLOBAL ALIGNMENT on SUSTAINABILITY STANDARDS - E.G. with GBTI.



EXAMPLE:
THIS TACTIC WAS CRUCIAL in ADVANCING WHOLE LIFE CARBON (WLC) INTEGRATION INTO the EUROPEAN ENERGY PERFORMANCE of BUILDINGS DIRECTIVE (EPBD) by FACILITATING CROSS-SECTOR COALITIONS THAT INFLUENCED POLICY OUTCOMES.



EXAMPLE:
THE "MASS TIMBER INSURANCE PLAYBOOK" ADDRESSED SIGNIFICANT INSURANCE BARRIERS, FACILITATING the ADOPTION of TIMBER as a MAINSTREAM BUILDING MATERIAL by PROVIDING CRUCIAL DATA & EVIDENCE to SUPPORT ITS SAFETY & VIABILITY.