



BUILT BY NATURE

Timber Forward

13th February 2025

Our vision is a built environment in harmony with nature.

Our mission is to lead a global transformation of the built environment by accelerating the responsible use of timber and biobased materials for the benefit of climate, nature, and people.



Seeing the Wood for the Trees



Sequester

Plants such as trees can be regrown sustainably and continue to capture carbon

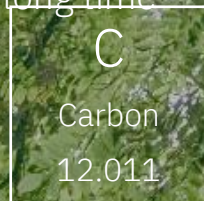


Substitute

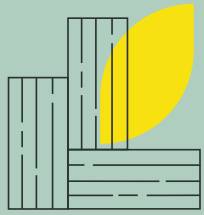
Biobased materials can replace carbon intensive materials in building constructions

Store

Biobased Materials can store carbon securely for a very long time



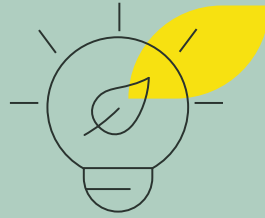
Built by Nature Networks Focus on Driving Demand



Developers



Investors

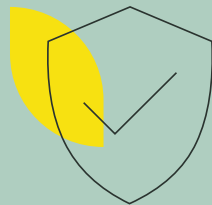


Designers

Our networks bring together Frontrunners in 6 demand-side stakeholder groups (Asset Owners, Cities, Developers, Designers, Investors & Insurers) as well as critical enabling stakeholders (Contractors), as the key decision makers to mobilise and shift demand to biobased materials.



Asset Owners



Insurers



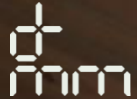
Cities



Contractors

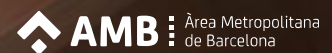


Built by Nature Frontrunner Network



PAUL DE RUITER ARCHITECTS

GENERAL PROJECTS



BAUMAD
ARQUITECTURA EFICIENTE EN MADERA

elliottwood



maatworks
sustainable and socially aware architecture



Boom

Bouw Novum



BY
W
A
T
E
R



URBAN
CLIMATE
ARCHITECTS



DISTRITO
NATURAL
COVIEDA ECOLÓGICA

BENNETTS
ASSOCIATES



Lister Buildings
THE REAL ESTATE LIFECYCLE COMPANY



LOTTA



AVAR
Automated Architecture

ARUP

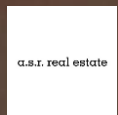
SYNCHROON



nevado



Human
Nature



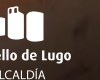
ACHTERBOSCH
ARCHITECTEN



WOODY
BUILDING CONCEPTS



TEAM V



TOWN.

whitby wood



SeARCH



tala natuurijk bouwen



whitby

NICE



zubi cities



WAUGH
THISTLETON
ARCHITECTS



ONESTA



tecnalca
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE



sustainer



Undivided
Ventures

Marsh

ONESTA

sAtt
ARQUITECTURA TRIPLE BALANCE

tecnalca
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

TOCA
MADERA
SUSTAINABLE



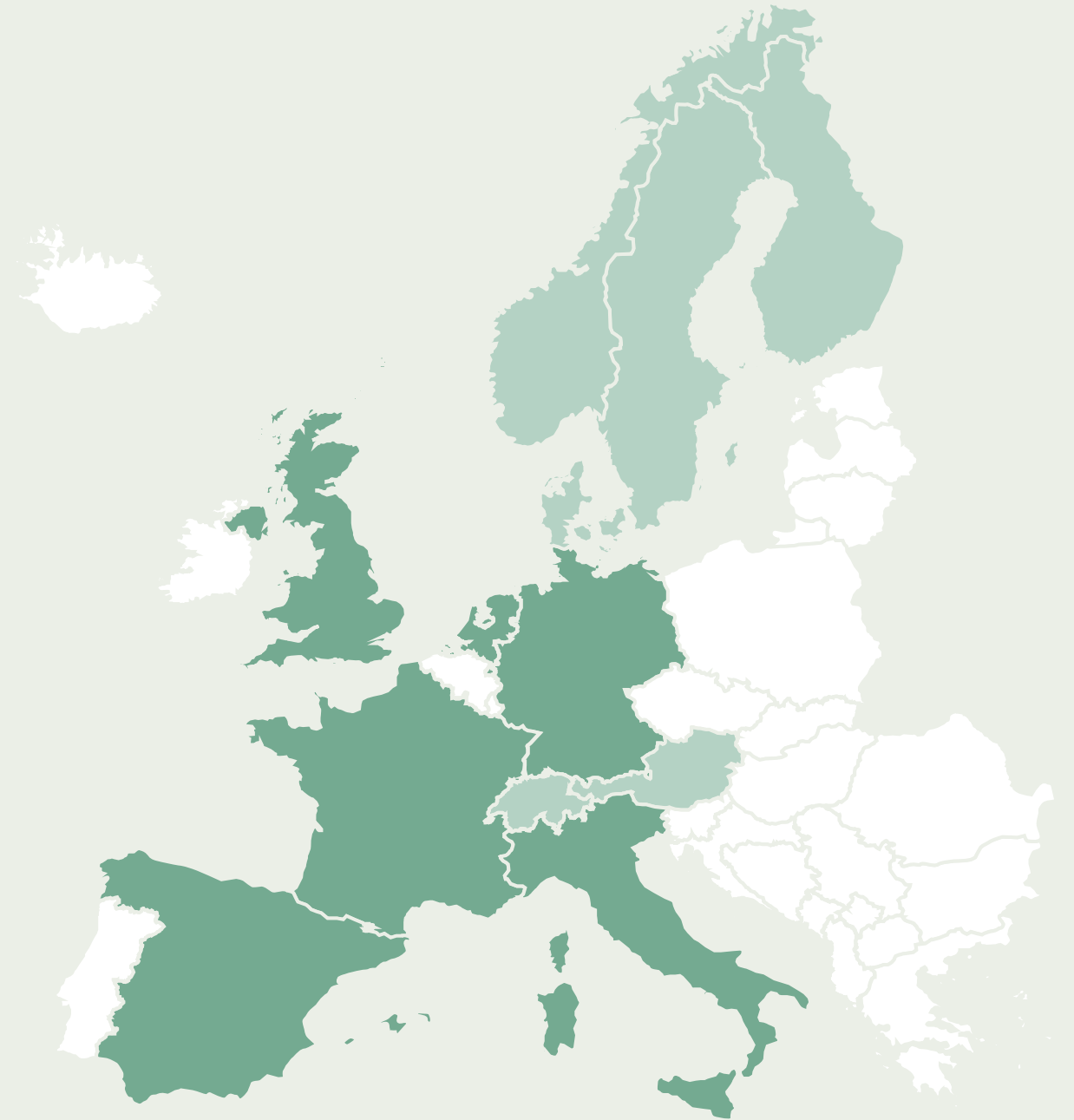
BURO HAPPOLD



Our European Movement

Built by Nature has established national networks in the **UK, Netherlands, Spain and Italy.**

We are creating new networks in **France & Germany** in 2025.



Green
Building
Council
Italia



BAUHAUS
EARTH



Challenges Ranked through our Annu Impact Survey

We asked:

“Please rate the impact of each of these challenges and barriers on your organisation's ability to adopt timber in the past year. If you don't know, leave it blank. Scale: 1 (No impact) to 10 (Critical).”

Challenge	Overall Impact Rating (All)	UK	NL	ES	IT
Cost considerations	6.97	6.54	7.54	7.56	6.50
Carbon emissions and storage not adequately recognised in policy	6.68	5.91	7.32	8.13	6.08
Unsupportive or prohibitive policy or regulation	6.10	7.23	6.82	3.94	5.32
Fire safety considerations	6.09	8.10	5.69	5.56	4.54
Insurance (cost and availability)	6.09	8.08	5.04	6.19	5.23
Lack of standardised Building Codes / Regulations	5.89	7.47	5.73	5.39	4.50
Limited competency and skills	5.49	5.80	5.36	5.64	5.13
Moisture and durability	4.72	5.08	3.92	5.06	4.91
Carbon assessment (data availability, life cycle performance)	4.60	3.92	5.71	5.44	3.58
Supply and manufacturing capacity	4.22	3.50	4.25	5.31	4.23
Biodiversity impacts of timber sourcing	3.39	2.65	3.42	4.44	3.46









= highest ranked



= lowest ranked

Barrier evolution 2023/2024

Rank in 2024	Change in rank since 2023	Barrier / Challenge	Overall Impact Rating / 10 – Europe wide
1	-	<i>Cost considerations</i>	6.97
2	* NEW *	<i>Carbon emissions and storage not adequately recognised in policy</i>	6.68
3	+3 	<i>Unsupportive or prohibitive policy or regulation</i>	6.10
4	-2 	<i>Fire safety considerations</i>	6.09
5	-1 	<i>Insurance (cost and availability)</i>	6.09
6	-1 	<i>Lack of standardised Building Codes / Regulations</i>	5.89
7	-	<i>Limited competency and skills</i>	5.49
8	-	<i>Moisture and durability</i>	4.72
9	-6 	<i>Carbon assessment (data availability. life cycle performance)</i>	4.60
10	-1 	<i>Supply and manufacturing capacity</i>	4.22
11	* NEW *	<i>Biodiversity impacts of timber sourcing</i>	3.39



WHITE PAPER
2023

TIMBER FINANCE
AN INVESTMENT OPPORTUNITY FOR INVESTORS

zhuw
Zentrum für Umwelt und Law

BUILT BY VENTURE
MAGGIORE
PAPERSTADT
LUMBERLAND DEVELOPMENT
WALDSTADT

ANLEGEN IN DIE MODERNE WALD- UND HOLZBAUINDUSTRIE

Ein White Paper über Nachhaltigen Wertschöpfung, Anlageprofile und Finanzprodukte für eine systematische und klimawirksame Kapitalanlage in Timber.



The Mass Timber Insurance Playbook:

A guide to insuring mass timber buildings

ASBP The American Society of Building Professionals
Construction Risk and Surety
Contractors Association of America








03

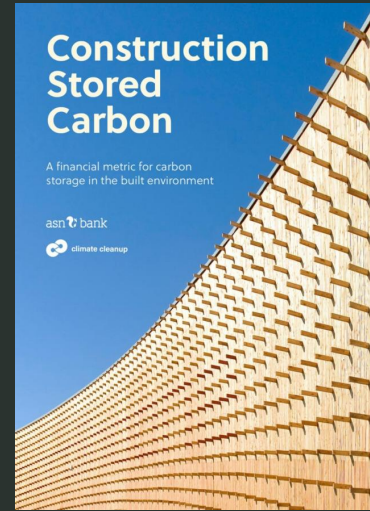
Our explicit aim is to support the increased use of mass timber in construction and the carbon reduction it can enable, in a manner that maintains a level of building resilience that protects the client's business.



Construction Stored Carbon

A financial metric for carbon storage in the built environment


asri bank
climate cleanup



CircuLaw

Seeing the forest through the trees:

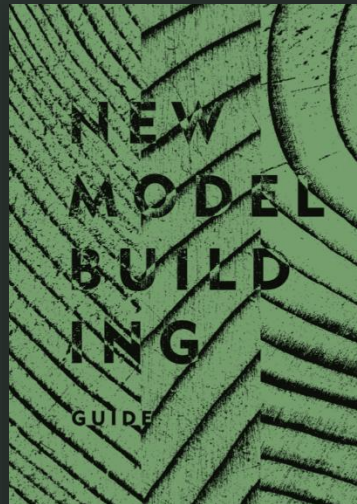
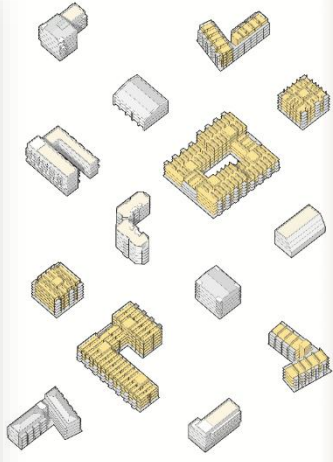
How sustainable timber buildings can help fight the climate crisis



March 2023

ecos

NEW MODEL BUILDING GUIDE

OVERVIEW

WHY WE NEED THE NEW MODEL BUILDING

Although the US leads the world in building with engineered timber, with over 900 completed buildings, recent changes to Part 9 of the Building Regulations have resulted in a lack of confidence in new engineered timber can be used for multi-story residential building.

While the change in legislation was not prescriptive or intended to prejudice any one material, it has had an unintended and discriminatory effect on the use of engineered timber - our only visible low-embodied carbon structural material - at a time when the need to reduce carbon emissions has never been more urgent.

WHAT IS THE NEW MODEL BUILDING?

The New Model Building (NMB) is an exemplar methodology for building residential developments in a climate emergency, fully compliant with UK statutory guidance. It offers an integrated low-carbon engineered timber structure coupled with a resource-efficient facade system, demonstrating a way of building that responds to the challenge of meeting net zero carbon while fully complying with Part 9 of Building Regulations (as amended). The New Model Building series of a pre-manufactured design platform for mass timber housing built at scale to be copied.

Developed in collaboration with structural engineers Ben Hayfield and JCTA, the engineering experts The New Model Building is a set of standard details and performance specifications which have been pre-assessed by the National House Building Council (NHBC) to facilitate developers obtaining BuildingWise, NHBC warranty and insurance cover for new-build homes.

FLEXIBLE PRINCIPLES TO APPLY TO YOUR PROJECT

We used a typical building to demonstrate how the principles and details can be used and applied. However, The New Model Building Principles and Detail Series are not prescriptive and can be applied to deliver projects of varying forms and sizes, to produce bespoke designs for each site.

MASS TIMBER ELEMENTS

The mass timber elements that can be used to deliver a New Model Building are glulam columns and beams, CLT columns and beams and CLT walls and floor slabs. These can be used in combination with other traditional elements to deliver buildings that meet the requirements.



Construction Stored Carbon

A financial metric for carbon storage in the built environment

asn bank

climate cleanup



EN

Search

Energy, Climate change, Environment

Climate Action

Home | About us | Climate change | EU Action | Citizens | News & Your Voice | Funding opportunities

Home > EU Action > Carbon Removals and Carbon Farming



Carbon Removals and Carbon Farming

Reaching climate neutrality in Europe by mid-century requires minimising our greenhouse gas

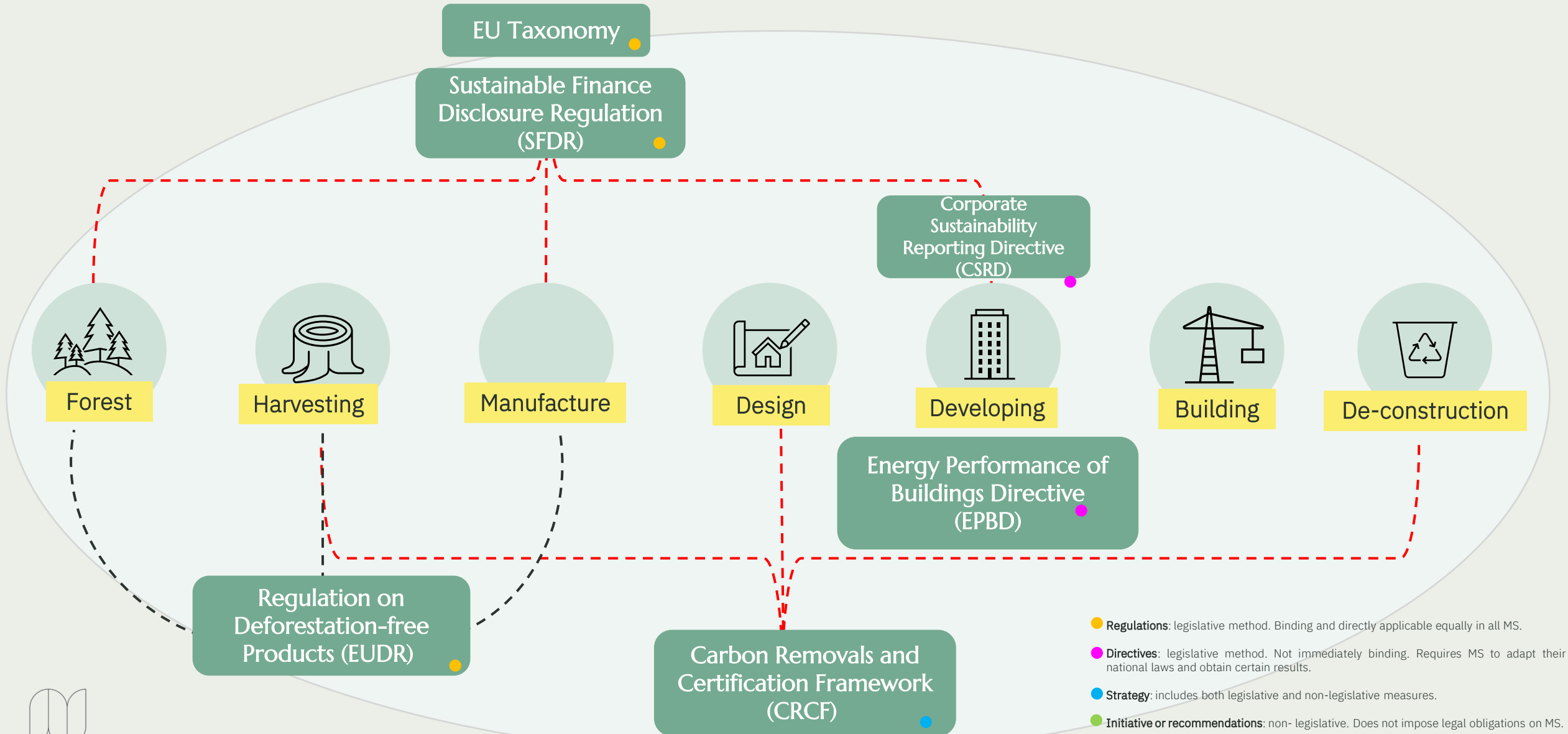


Built by Nature GAEA Award Winners

Built by Nature has won the 2025 Giving To Amplify Earth Action award for **Impactful Innovation Enabler** for transformative impact in the climate and nature space.



EU Policies Shaping the Biobased Construction Value Chain



Principles for Responsible Timber Construction

An Initiative to advance policies and approaches that support low carbon construction and increase the use of wood from sustainably managed forests in the built environment.

BAUHAUS ● EARTH

 BUILT
BY NATURE

FCLP
The Forest & Climate Leaders' Partnership

FCLP: tackle climate change and halt deforestation

The Forest & Climate Leaders' Partnership (FCLP) is a focused effort of governments with partners committed to expanding and maintaining high-level political leadership on forests, land-use and climate, to work together to implement solutions that reduce forest loss, increase restoration and support sustainable development, and to ensure accountability for the pledges that have been made.

33 countries formed the partnership at COP27:

Founding Members of the Forest & Climate Leaders' Partnership (33 countries):

Commonwealth of Australia , Kingdom of Belgium, Canada , Republic of Colombia , Republic of Congo, Republic of Costa Rica , Democratic Republic of Congo, Kingdom of Denmark, Republic of Ecuador, Federal Democratic Republic of Ethiopia, **European Union**, Republic of Finland , Republic of Fiji , **Republic of France**, Gabon , Federal Republic of **Germany**, Republic of Ghana, Republic of Guyana, Japan, **Republic of Kenya**, Republic of Korea, **Kingdom of Netherlands**, Federal Republic of Nigeria, Kingdom of Norway, Islamic Republic of Pakistan, Republic of Peru, Republic of Singapore, Kingdom of Sweden, United Republic of Tanzania, **United Kingdom of Great Britain and Northern Ireland**, United States of America and Vietnam.



COALITION ON GREENING CONSTRUCTION WITH SUSTAINABLE WOOD

"Recognizing that wood from sustainably managed forests provides climate solutions within the construction sector, we commit to, by 2030, advancing policies and approaches that support low carbon construction and increase the use of wood from sustainably managed forests in the built environment. Such policies and approaches will result in reduced GHG emissions, and an increase in stored carbon."



FCLP Coalition on Greening Construction with Sustainable Wood

- Commonwealth of Australia
- Canada
- Republic of Congo
- Republic of Costa Rica
- Republic of Fiji
- Republic of Finland
- Republic of France
- Federal Republic of Germany
- Republic of Ghana
- Japan
- Republic of Kenya
- Republic of Korea
- Kingdom of Norway
- Islamic Republic of Pakistan
- Kingdom of Sweden
- United Kingdom of Great Britain and Northern Ireland
- United States of America

Forest & Climate Leaders' Partnership Initiative for Greening Construction with Sustainable Wood

FCLP announced in December 2023 that **the coalition intends to work with non-government partners to accelerate action and scale up impact** in the following areas:

1. Advancing **public policies and enabling regulatory frameworks** that support sustainable wood production.
2. Advancing public policies and enabling **regulatory frameworks that reduce barriers** for increased use of wood in construction.
3. Supporting **systemic collaboration and facilitate access to knowledge** and support.
4. Mobilising **finance** and enhancing risk-taking capacity.
5. Engaging societies.



Principles for Responsible Timber Construction

WHY?

To create a set of *Principles for Responsible Timber Construction* that, if adopted across the value chain from forests to buildings, will help ensure that increasing demand for timber leads to the right outcomes in terms of benefits for climate, nature, and people.

WHAT?

To build consensus around these principles and demonstrate a commitment by both governments and industry to align their policies and practices to them over time.

HOW?

To provide guidance, tools, and examples of best practice from around the world, building a knowledge base to support low carbon, responsible timber and biobased construction.



The Principles for Responsible Timber Construction (Draft)

These 5 principles have been developed in collaboration with 17 governments and other key stakeholders. We will engage our Frontrunners in further consultation across all local networks and seek their support.



Counting the full environmental cost of buildings.

The full environmental cost of buildings is considered before new development is commenced and the potential for existing structures to be repurposed, renovated, and/or extended using low-carbon materials is prioritised over demolition.



Accounting for Whole Life Carbon emissions.

New buildings are designed and constructed in ways that minimise Whole Life Carbon emissions, optimising operational efficiency and minimising embodied carbon in materials. In timber buildings carbon is accounted for transparently, clearly differentiating between biogenic and fossil carbon.



Ensuring Sustainable Forest Management.

Wood-based construction materials are sourced from naturally regenerating forests or planted forests where best practice sustainable management standards, regulations and safeguards are enforced to ensure legality, traceability and optimum outcomes for biological diversity, carbon storage and local communities.



Maximising the carbon storage potential of wood.

Wood is harvested efficiently to minimise waste and its carbon storage value is maximised by prioritising and incentivising its use for durable products such as buildings. Circularity of wood use for buildings is promoted, including design for disassembly to facilitate re-use and subsequent cascading of timber components in successive buildings to maximise the material's lifespan.

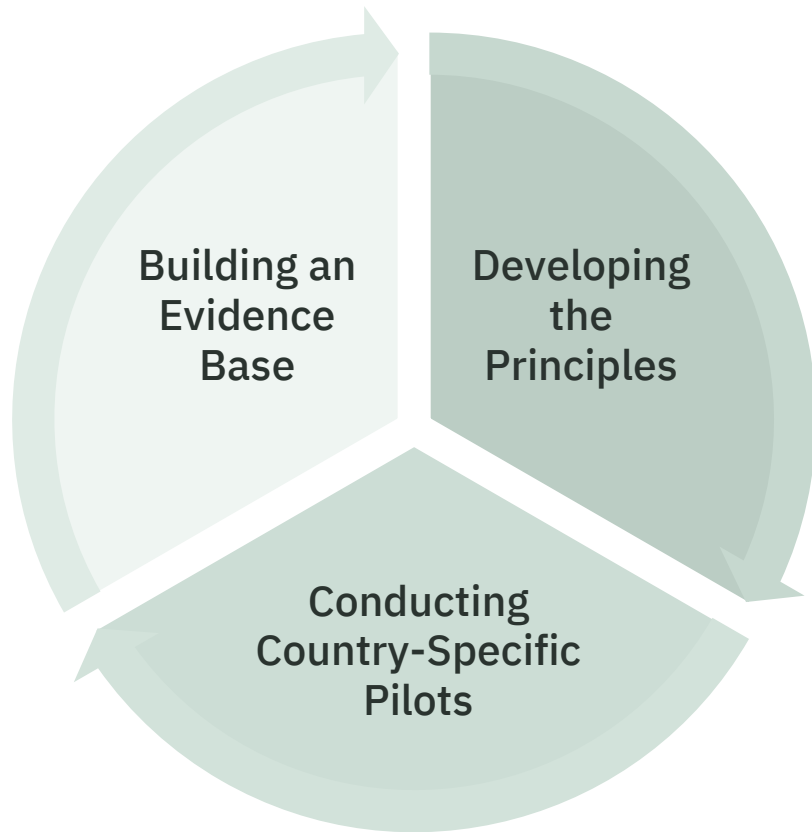


Promoting a timber building bioeconomy.

Information, education and training is provided for architects, engineers, builders and consumers on the benefits and practices of responsible timber use in construction. Innovation, research and development is supported and encouraged to enable a timber construction economy to thrive.

Overall Plan in Summary

GOAL: by 2030, to advance policies and approaches that support low carbon construction and increase the use of wood from sustainably managed forests in the built environment.



1. Developing Principles for Responsible Timber Construction

... to drive the global adoption of sustainable timber and biobased materials ensuring growing demand for timber and nature-based materials leads to positive outcomes for forests, biodiversity, climate change mitigation, and affected communities.

2. Building an Evidence Base

Knowledge scanning and curation, the harvesting of best practice and the utilisation of working groups to test, prove, challenge and provide guidance, will ensure the contributions of a wide set of global “forest to frame” stakeholders are considered.

Working groups
to consider needs,
barriers and
opportunities

The BbN Prize II
to harvest examples
of best practice

Knowledge Curation
through BbN's
Knowledge Hub

3. Conducting Country-Specific Pilots

Place-based demonstrations will be used to both test and showcase these principles, within select countries, regions, or companies. This on-the-ground approach allows for learning by doing, ensuring all recommendations are actionable, resilient, and will result in transformative change.



What's the value for Frontrunners?

- Demonstrates to FRs that Built by Nature is engaged with policymakers. They have told us that policy and regulation is a priority.
- Demonstrates to governments that FRs in the industry are aligned on safeguards - within which we should accelerate use of timber.
- Provides a framework to ensure that increasing demand does not lead to unintended negative consequences for climate, nature or people.
- Reduce reputational and investment risk and help bring major players on board.
- Opportunity to rally our FR network around a campaign to send a strong message to governments and other key stakeholders at COP30.

