

21/05/2024

Tracking Wood Market Share
as a Building Material

ECE/FAO ToS on Forest Products and Wood Energy Statistics

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- Increasing the market share of wood as a building material in the European built environment is an important long-term indicator to assess decarbonization in the European construction industry
 - At present there is no international database which allows you to do so
 - Some countries data is available but they follow different methodologies and are not easily comparable
 - As a result, Europe-wide data is unclear. Lack of knowledge impedes tracking of progress (or lack thereof) in this important metric
 - In short: without a baseline we won't be able to measure any increase
 - Details of carbon pool sizes in the built environment also very much needed...and trends
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Exemples (1)



Belgium

Année ^(**)	Permis de bâtir autorisés pour un bâtiment résidentiel avec un seul logement ^(*)	Nombre total de maisons en bois construites	Exportations	Pourcentage des constructions en bois en Belgique ((total des maisons en bois - exportations)/permis de bâtir pour un bâtiment résidentiel)
2011	24 298	1 777	175	6,59 %
2012	20 987	2 241	342	9,05 %
2013	21 976	1 963	180	8,11 %
2014	21 065	2 027	135	8,98 %
2015	22 277	1 788	101	7,57 %
2016	19 136	2 509	213	12,00 %
2017	19 953	1 817	128	8,46 %
2018	19 186	2 514	421	10,91 %
2019	24 248	1 887	137	7,22 %
2020	24 035	2 125	272	7,71 %
2021	24 983	1 518	198	6,08 %
2022	28 208	1 905	355	6,75 %

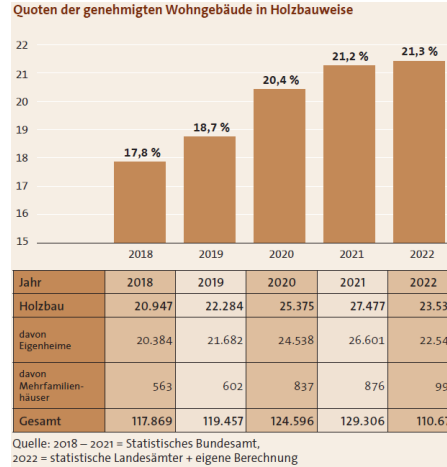
France

	2020		2022	
	Réalisations en bois	Parts de marché	Réalisations en bois	Parts de marché
Maison individuelle totale	12 930	9,3 %	11 450	7,3 %
<i>dont secteur diffus</i>	9 800	9,3 %	9 650	8 %
<i>dont secteur groupé</i>	3 130	9,2 %	1 800	5 %
Logement collectif	9 570	4,6 %	10 750	5,3 %
Total logements	22 500	6,5 %	22 200	6,2 %
Extension-surélévation	10 340	30,5 %	11 300	28 %

Examples (2)

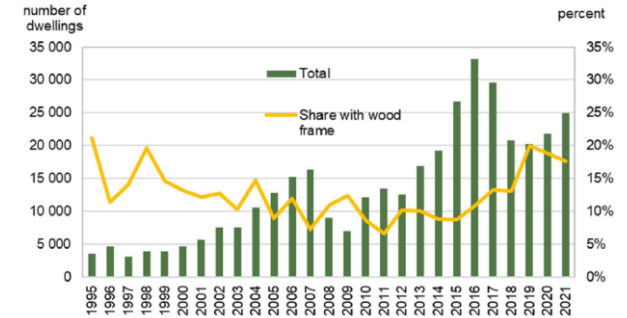


Germany



Sweden

Figure 6. Dwellings in newly constructed conventional multi-dwelling buildings, total and with wood frame. Year 1995-2021.



Source: Statistics Sweden

A possible solution?



- Harmonising data already available and extending best-practices would be important to track the share of wood as a building material
 - Centralising this in a questionnaire or in an easy to consult database would allow for comparability of data and also be a useful advocacy tool
 - Alternatively, periodic studies (for instance every 5 years) might be done
 - Could this be done in the frame of the work of the ECE/FAO team of specialists?
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Thank you!

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