

Office of Clean Technology

TIMBER v2.0 Innovations in Forest Products

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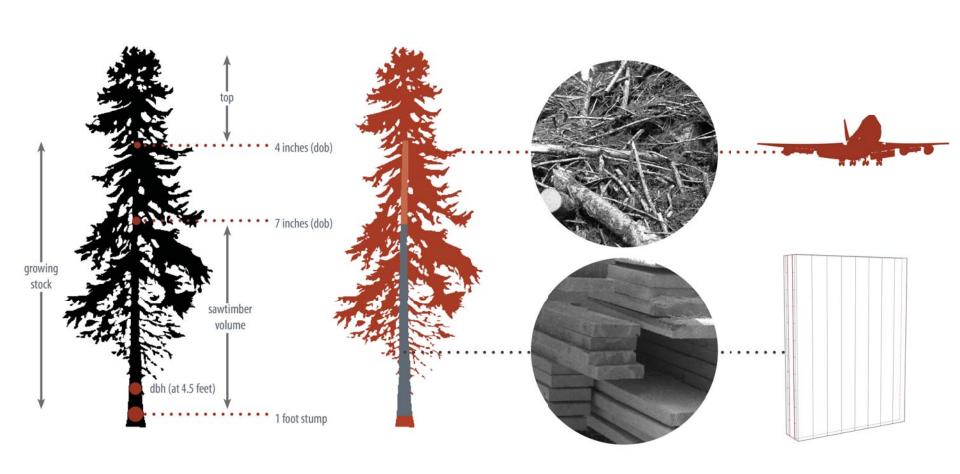
Washington State University

TIMBER v2.0

Tall Timber Buildings
NanoCellulose
Biopolymers, Biocarbon
Bioenergy, Biofuels, Biochemicals

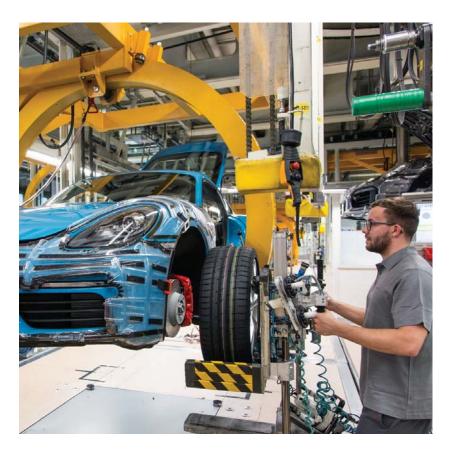
Cong. Derek Kilmer, WA 6th District

Sustainable Aviation Fuels and Cross Laminated Timber













Needs in Higher Density Housing

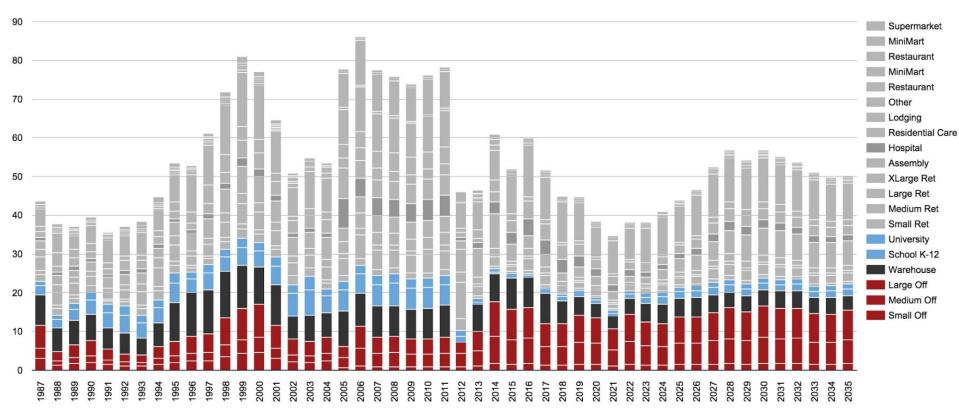


Photos: Lend Lease



Projected Building Needs in PNW

PNW Annual Commercial Building Forecast (1,000,000 sq ft floor area)



Ref: Seventh NW Power Plan https://www.nwcouncil.org/energy/powerplan/7/plan/



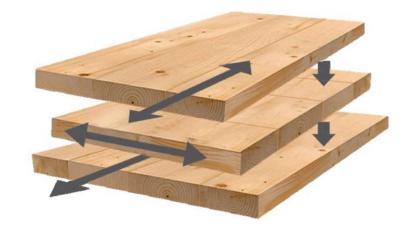




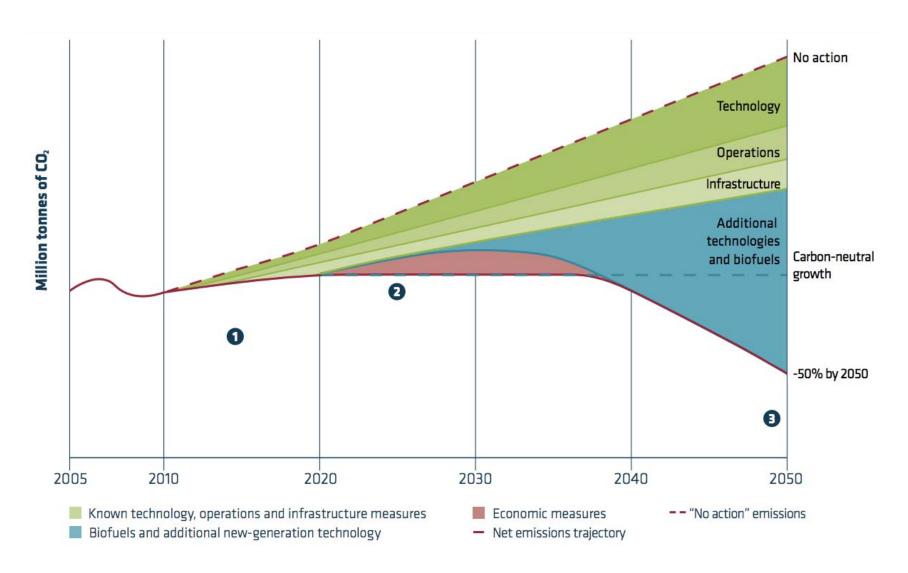
Photo: Salzburg FH

Maria F. L. Mallo, MS Thesis, University of Minnesota, Minneapolis, MN, 2014







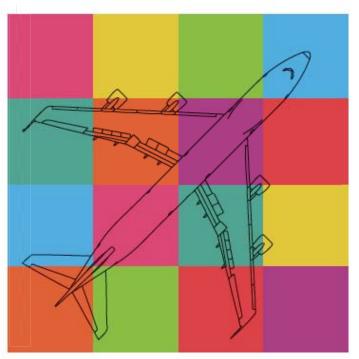


Anonymous. 2013. Reducing Emissions from Aviation through Carbon Neutral Growth from 2020. A Position Paper Presented by the Global Aviation Industry. 38th ICAO Assembly. https://goo.gl/ChTV9Y











ICAO 2016 ENMRONMENTAL REPORT

Commitment Being Implemented – ICAO CAEP



ATAG >AIR TRANSPORT ACTION GROUP



TIMBER v2.0

Jobs, Jobs, Jobs
Rural Communities
Environmental Benefits

Cong. Derek Kilmer, WA 6th District

QUESTIONS

