

Training and R&D

Smart building with wood requires multidisciplinary skills and competences at different levels:

- Technical / building level
- Bachelor degree
- Master degree
- Ph.D. degree



Training and R&D

Industrial Research Chair on Ecoresponsible Wood Construction (CIRCERB) at Université Laval



Training and R&D: CIRCERB

Addressing the knowledge gap at the University level through multidisciplinary training and research

- Architecture
- Wood engineering
- Civil engineering
- Mechanical engineering
- Industrial engineering
- Environmental engineering
- Chemistry
- Law
- Actuarial science
- Industrial design
- Administration



ACADÉMICA

3 EJES DE INVESTIGACIÓN

7 TEMAS



Diseñar



Construir



Operar

- Diseño integrado
- ACV y Ecodiseño
- Materiales
- Sistema de construcción
- Logística
- Durabilidad
- Eficiencia

Training and R&D: CIRCERB

- CIRCERB starts its second mandate for the next 5 years
- Over 50 research projects (Master, Ph.D., Post doc)
- Possibility of internships at any level
- CIRCERB pays grants to its students
- International collaboration is part of our vision
- Candidates from Uruguay are very welcome!!!

... our winter is not so bad after all!



How much trees do you need to build this:

Murray Grove

Waugh Thistleton Architects, London, UK (2009)



Murray Grove

9 storey urban housing project constructed entirely from pre-fabricated solid timber



