A data portal for

the largest academic forest in the world

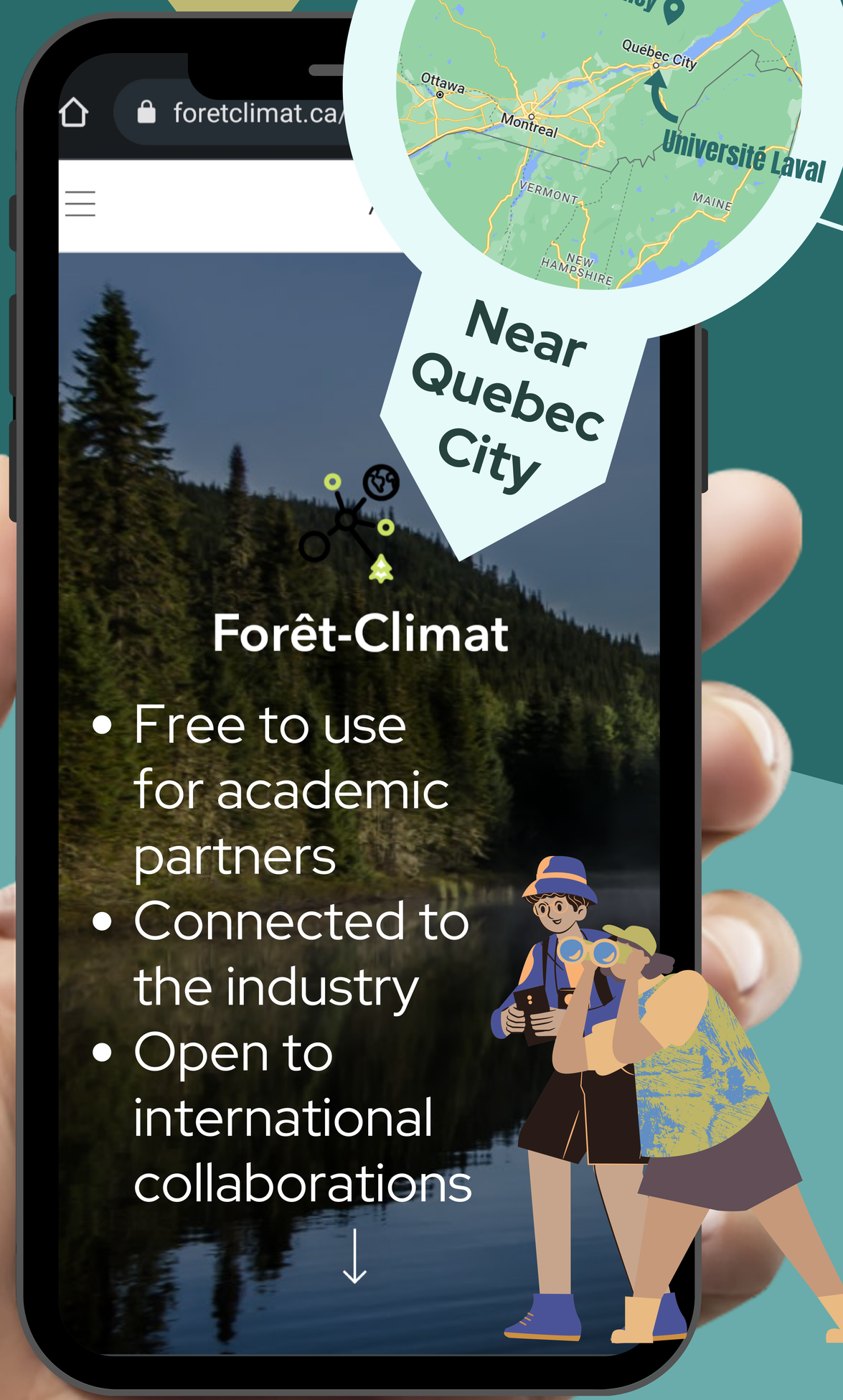
FORÊT-CLIMAT

Julie Faure-Lacroix
Université Laval. Québec, Canada

60 years of data:

- Forest ecology,
- Forestry operations,
- LiDAR,
- Weather and Climate.

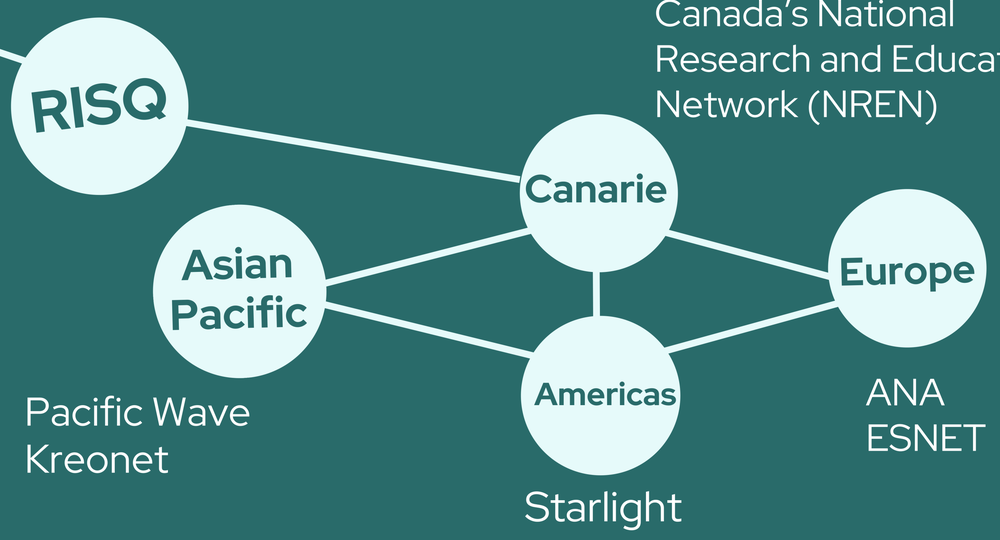
Part of a research grant at Laval University funded by the government of Canada.



Sharing, visualization, analyses on the server

Component	Details
Server	Dell PowerEdge R750XA 4x Intel Xeon Gold 6338 4x Nvidia A40 + 4x A100 80GB 2x 7.68TB SSD ISE Read intensive 12Gbps 2x 64GB RDIMM 3200MT/s RAM
Network	57508 Dual Port 100GbE
Software	Rocky Linux 9 ArcGIS Enterprise 10.9

Intensive jobs offloaded to HPC facilities



Making smart forests smarter

Real-time data

Artificial intelligence

Digital twins

www.foretclimat.ca