



NATURAL RESOURCES CANADA - INVENTIVE BY NATURE

BIOECONOMY

A place for forests

Glenn Mason
Canadian Forest Service
Natural Resources Canada

Scaling up Bio
November 15th, 2016



Natural Resources
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Ressources naturelles
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Ouvrir la fenêtre sur un nouveau paysage: les biotechnologies propres du bois



Source: www.fastcodesign.com

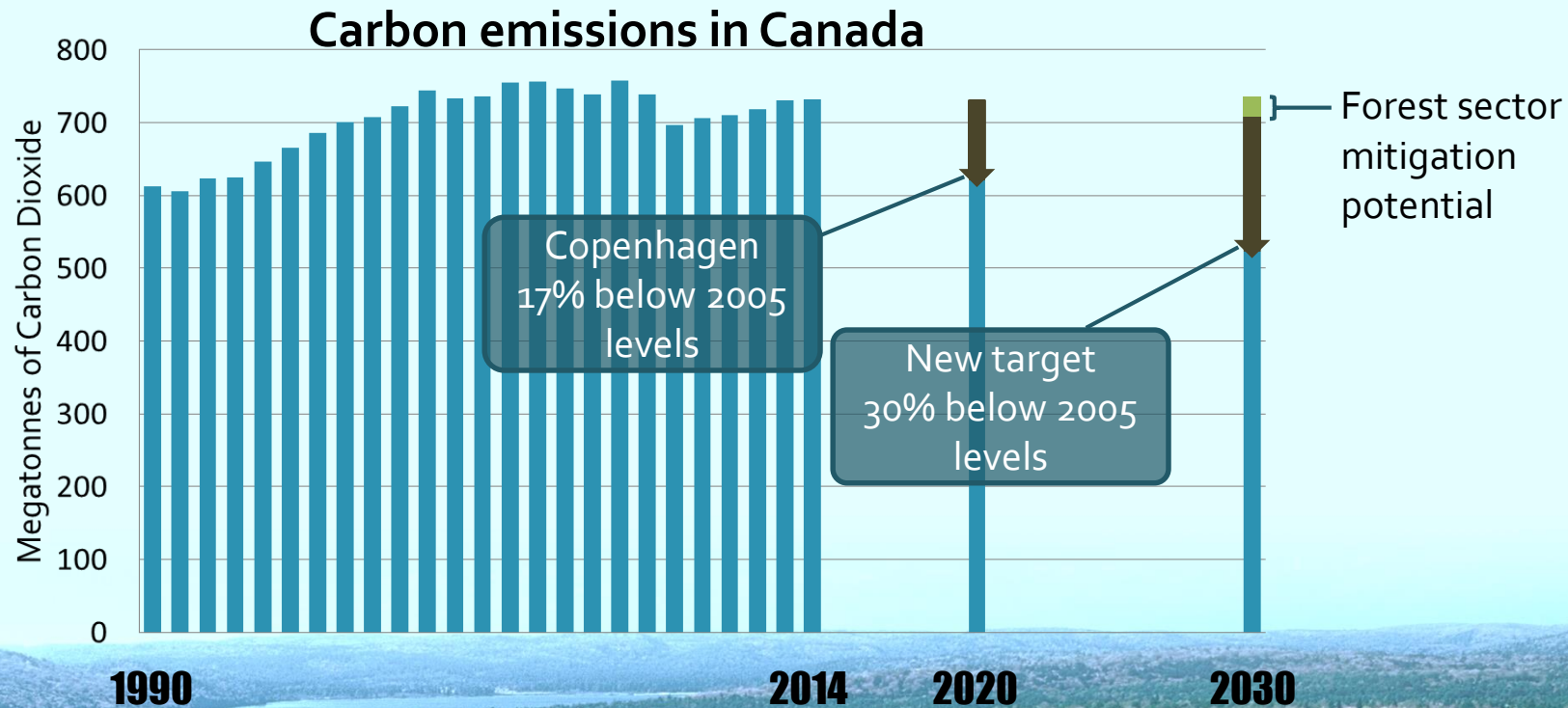


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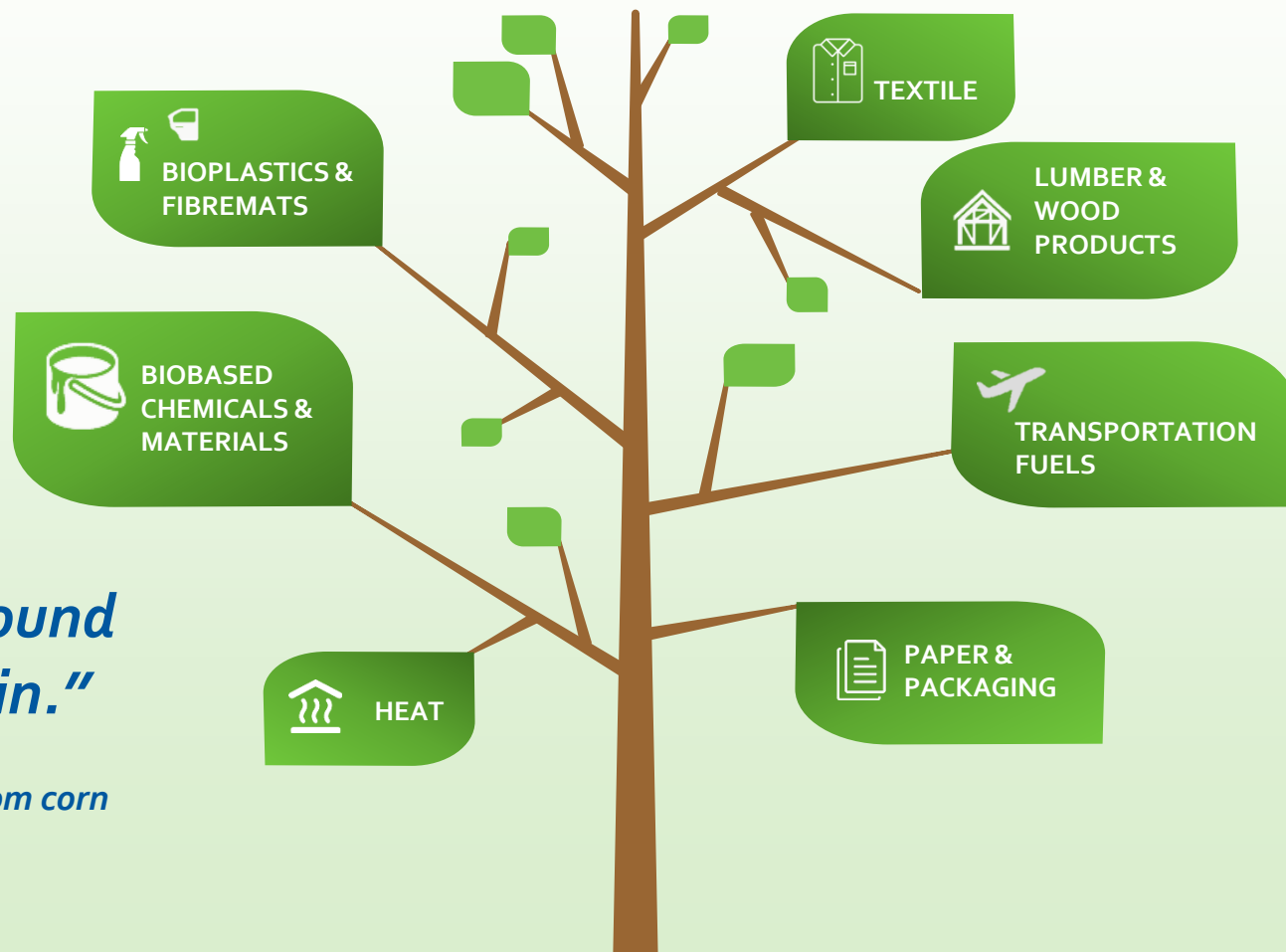
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Canada's commitment to a low carbon economy: a place for forests



Bioeconomy: part of the solution to a green low-carbon economy

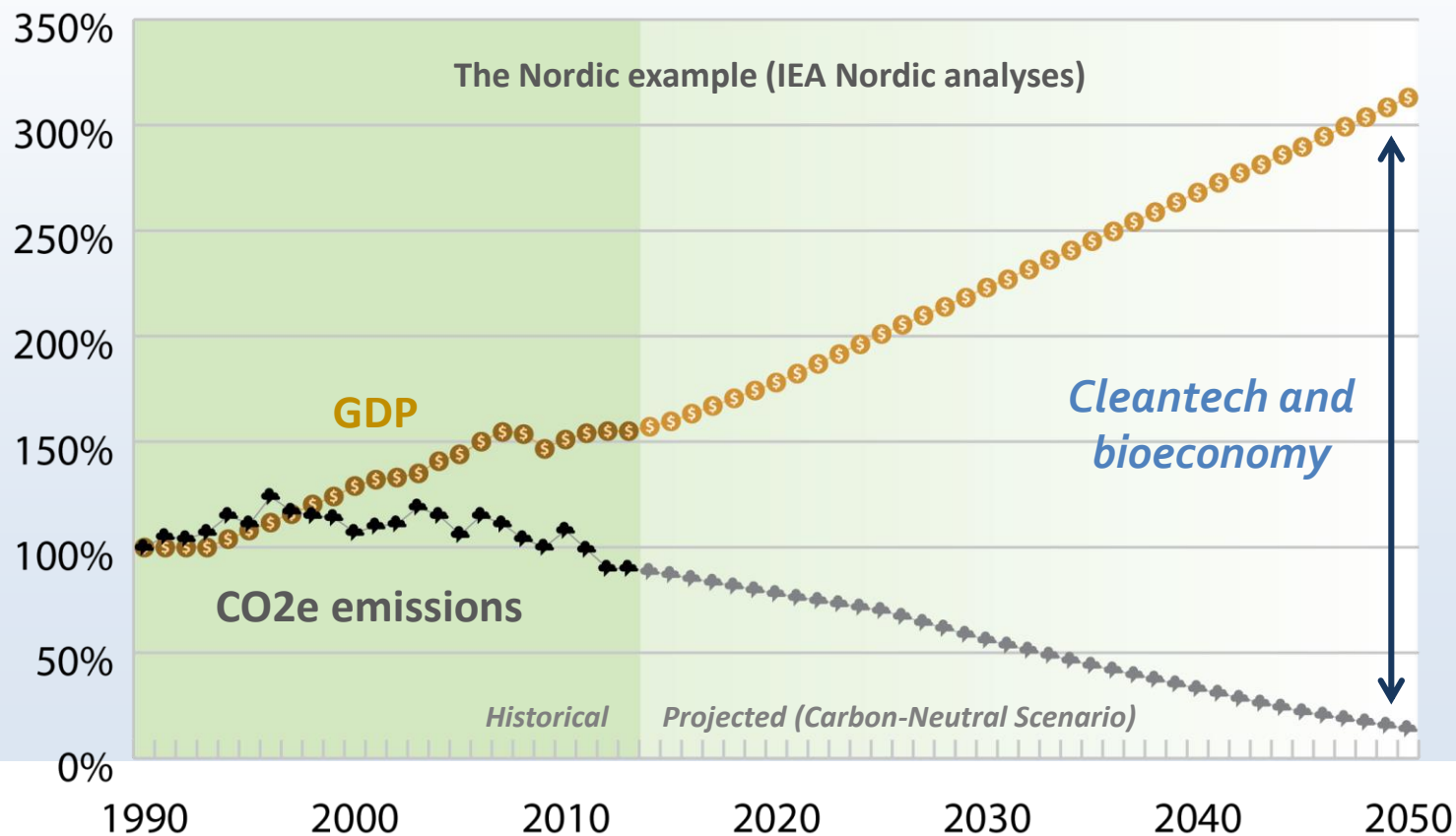


"It looks like we found a bit of a gold vein."

*Dr. John Pierce, Dupont, 2008
describing new biochemical from corn*



Bioeconomy and cleantech: bridging the gap between clean economies and growing economies



Bioéconomie: les atouts du secteur forestier canadien

Une ressource
renouvelable et
durable



Chaine
d'approvisionnement
performante



R&D
de premiere ordre

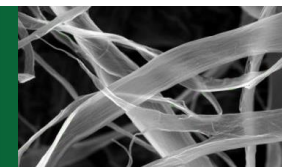


Déjà: Retombées
environnementales et
socio-economiques



Bioeconomy in Canada: it's here now!

Advanced materials: Cellulose nanomaterials



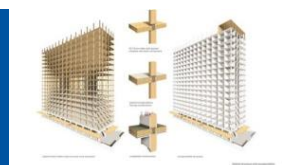
Platform chemicals: Lignin and derived chemicals



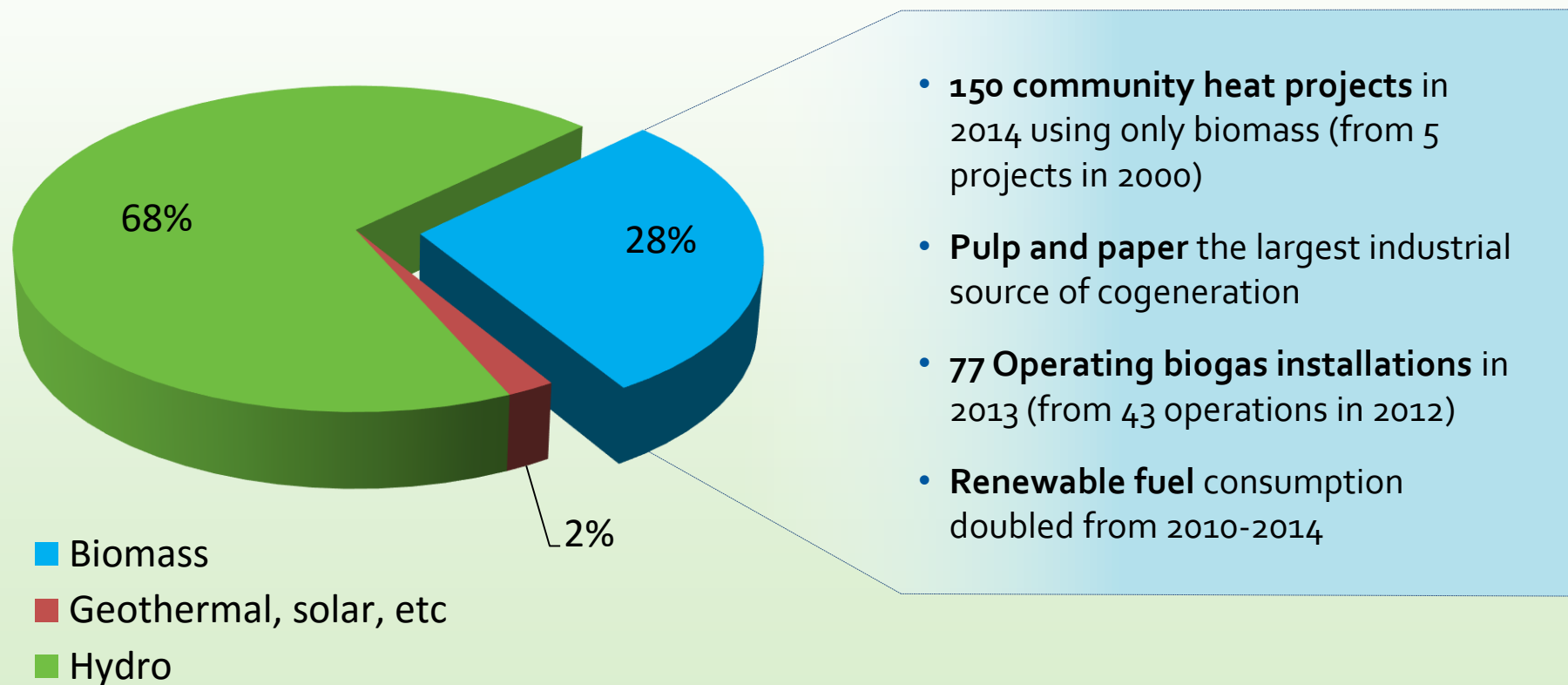
Renewable energy for heating or fuel



Advanced Building Systems for tall buildings



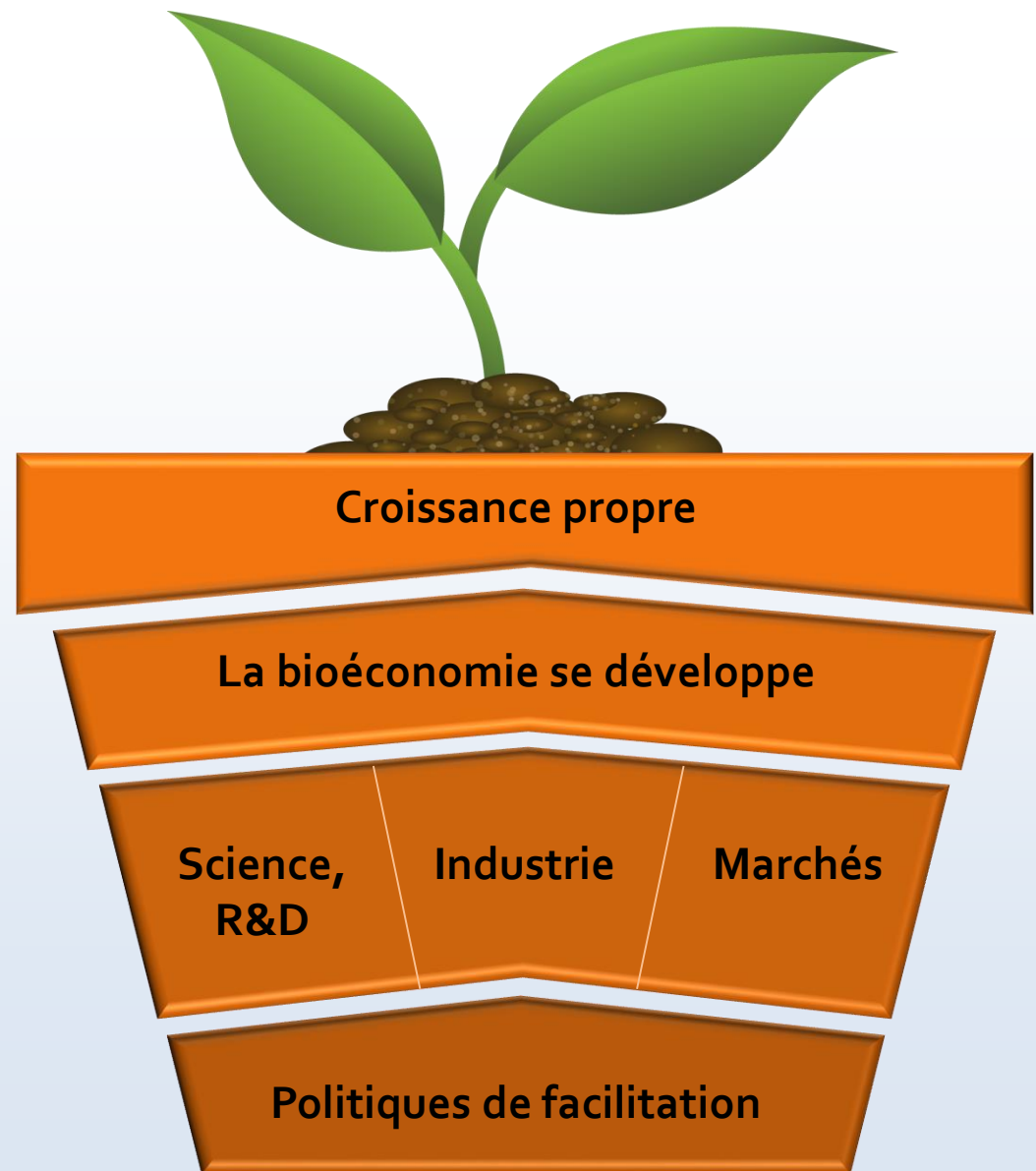
Bioeconomy: bioenergy leads the way



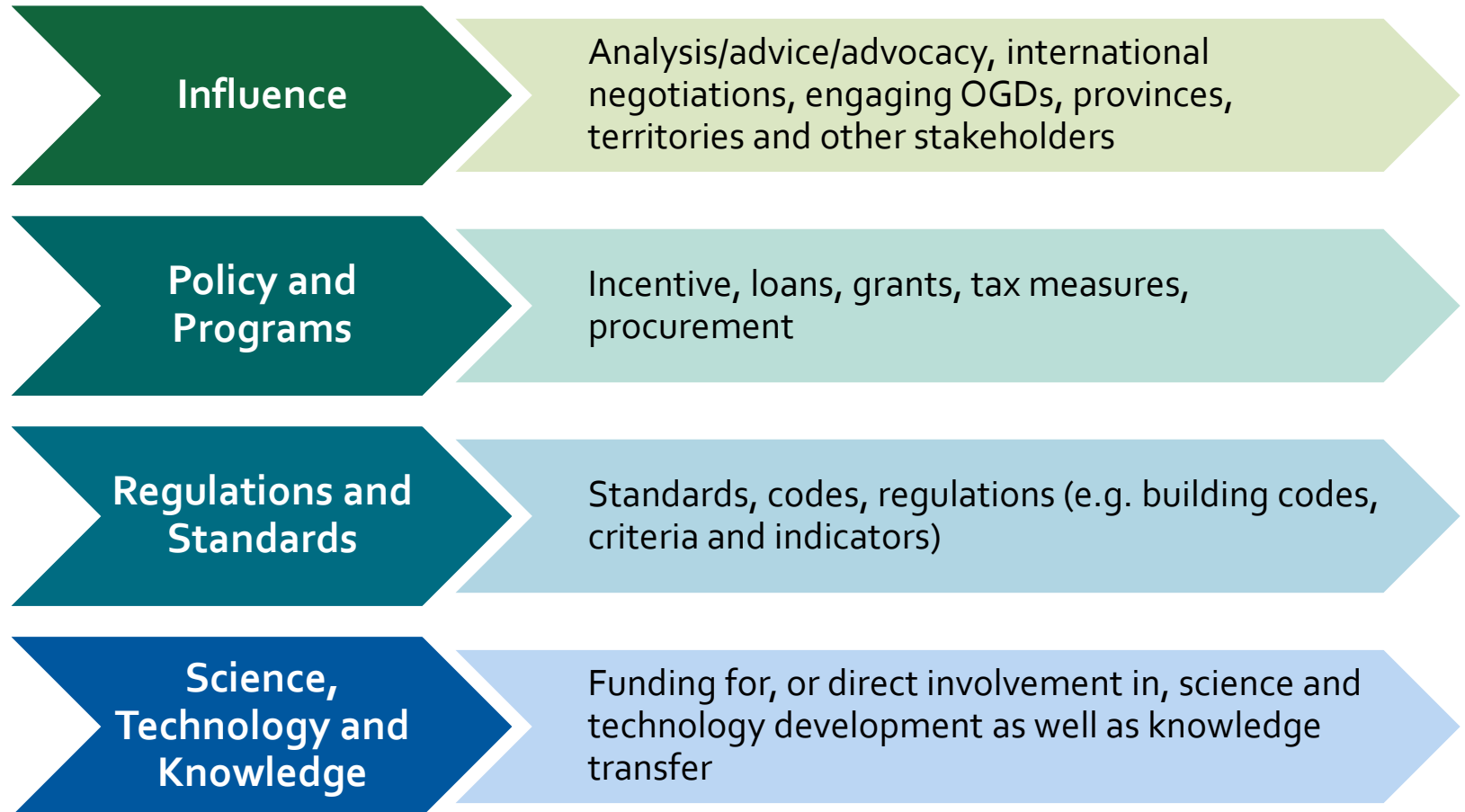
Canada's total renewable energy production in 2014



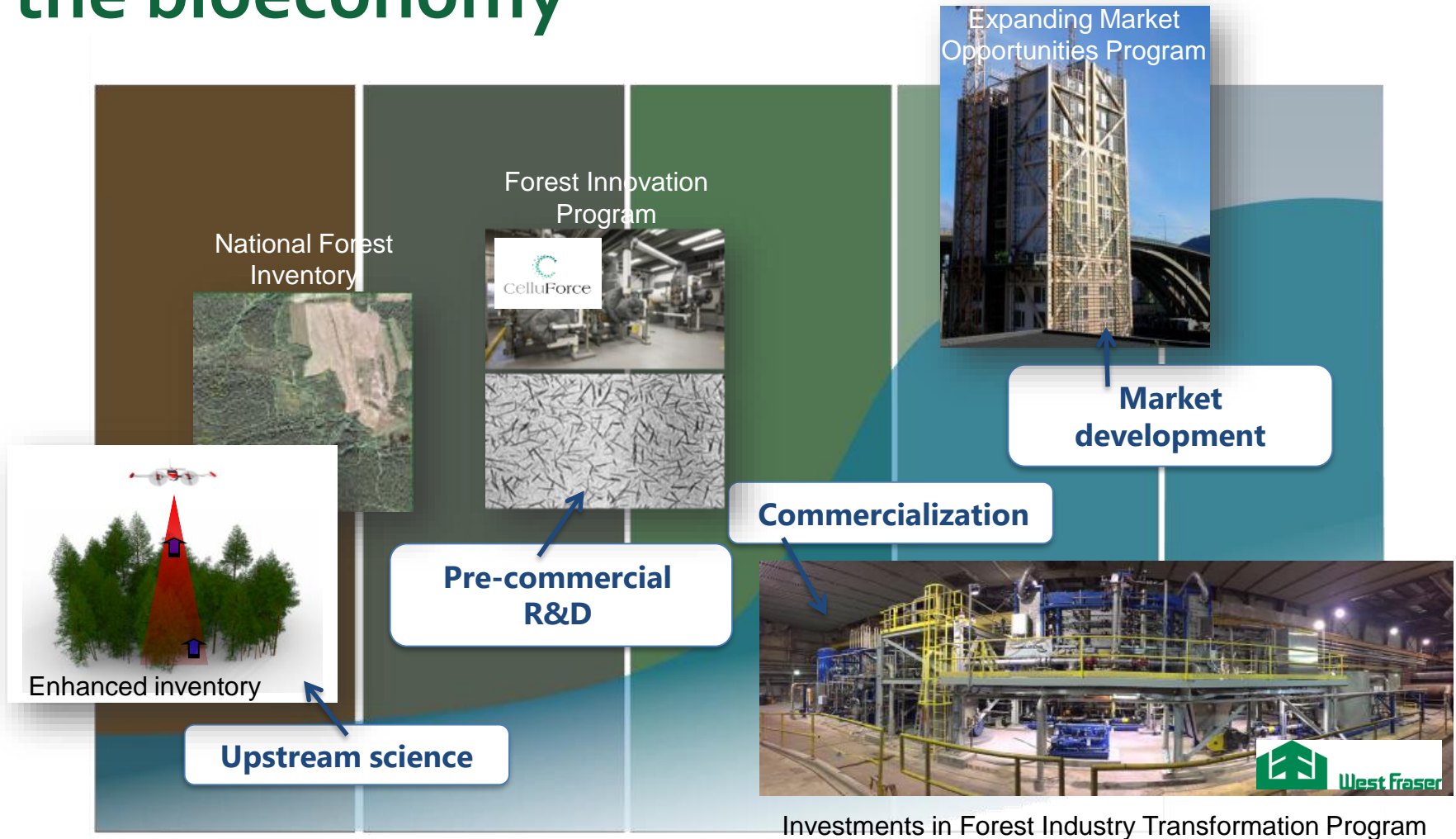
S'assurer que la bioéconomie livre ses bienfaits:



Governments levers to accelerate the bioeconomy



The forest sector: a pioneer supporter of the bioeconomy



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The bioeconomy: a basis for a sustainable economy at our finger tips

"One day soon, our children will be pulling bio-based products off the shelves without even thinking about it. But transitioning to the bioeconomy will take a coherent effort over 20 years."

Jeff Passmore, 2016

Fall 2017: Forest Bioeconomy Framework



Canadian Council
of Forest
Ministers



Conseil canadien
des ministres
des forêts





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