Canada’s Pathway to Low Carbon

Canada’s low-carbon future is practical and buildable

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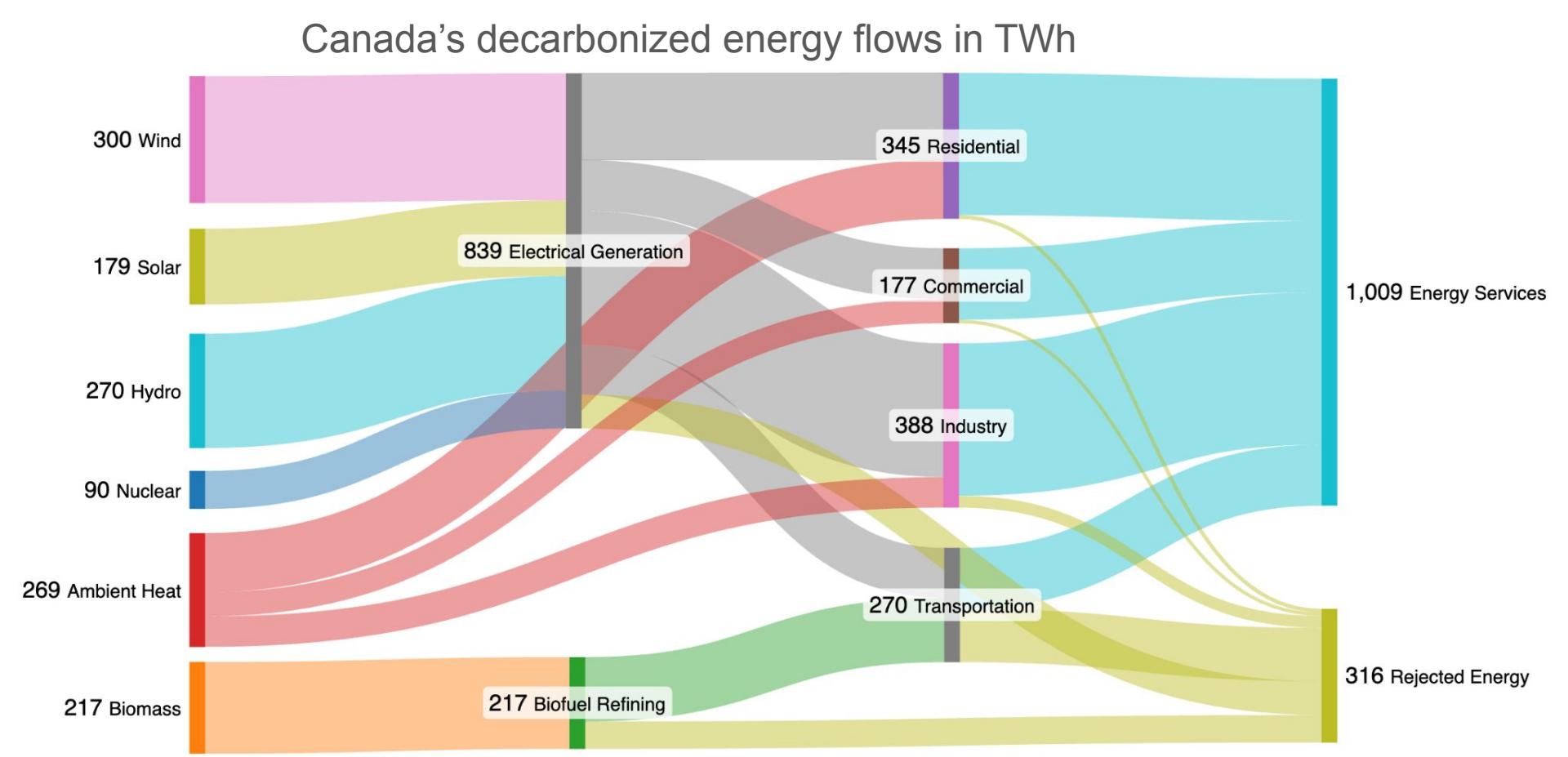
The future is already here.
The question is whether
Canada scales it.

Canada has a head start



A decarbonized Canada is a simpler, cleaner, efficient energy system


A better connected Canada is a stronger Canada.


Flexibility is how clean grids stay reliable and affordable


Capitalize on our leadership in mass timber


Replace furnaces with heat pumps

Move people and goods with electricity


Cut fossil methane for fast climate action


Fix agricultural methane and NOx

Capitalize on our critical minerals


Canada’s low-carbon future requires no sacrifices

Make sure messaging crosses moral foundations

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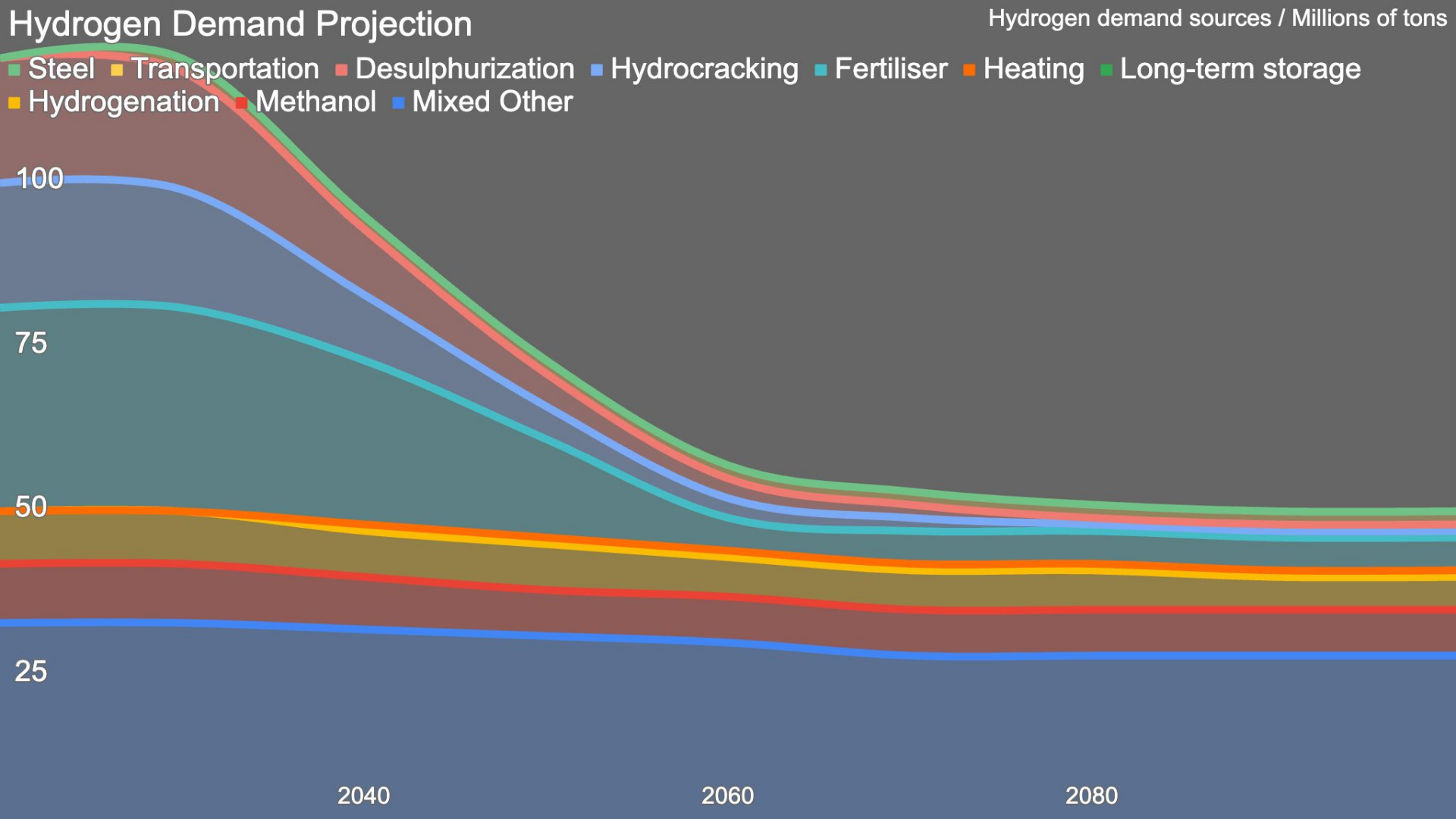
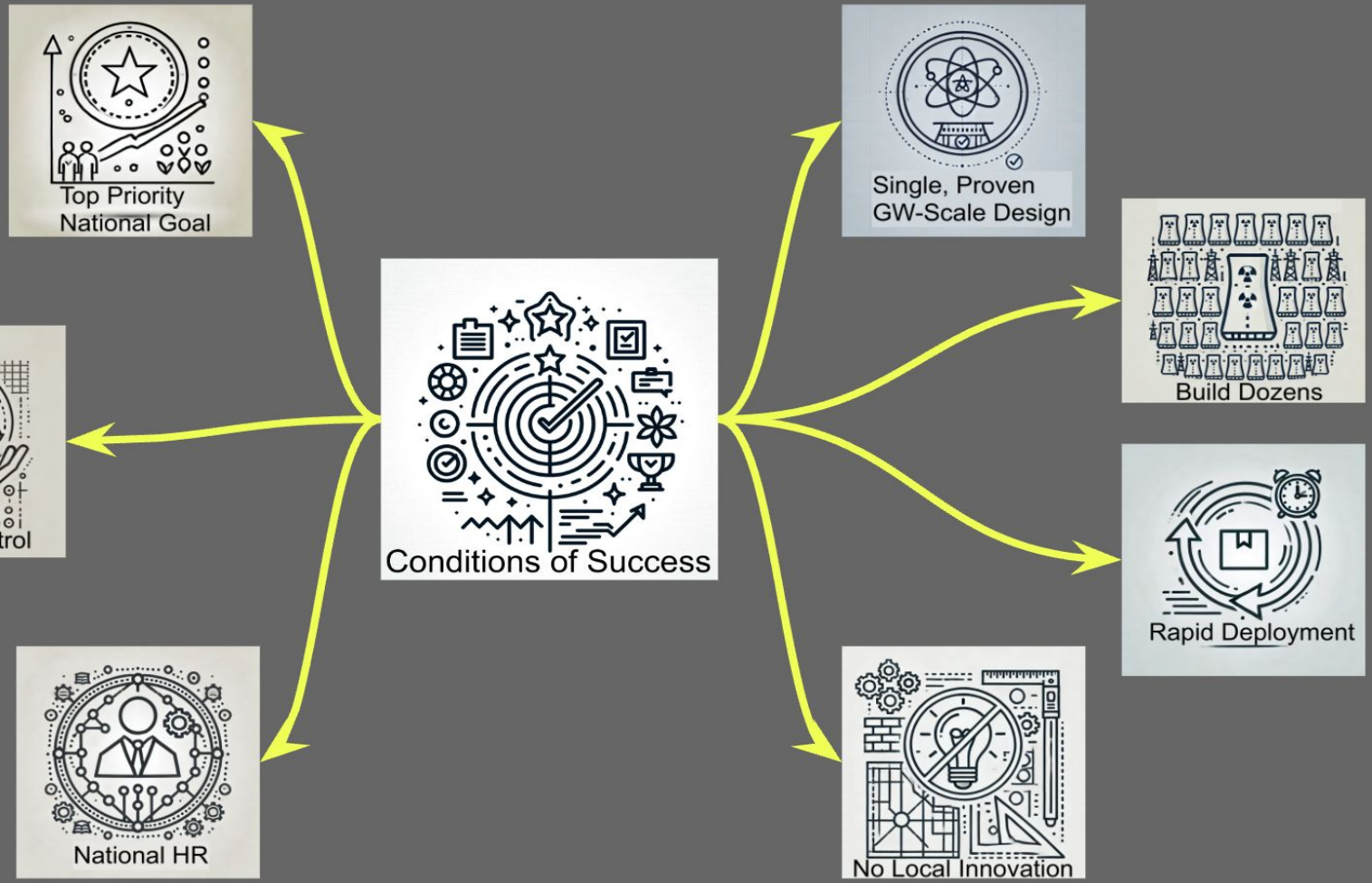
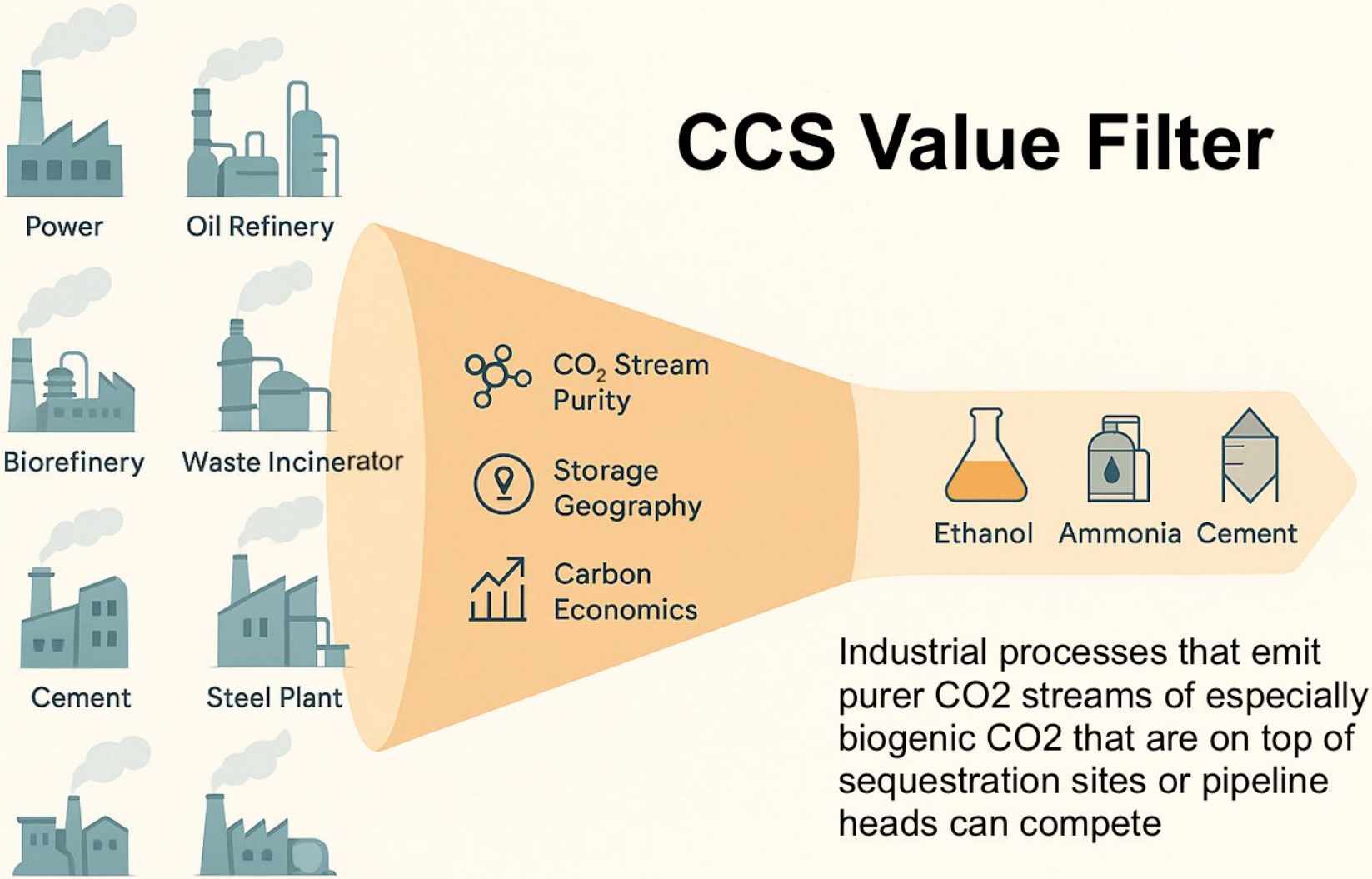
Let's talk


Hydrogen Demand Projection
Hydrogen demand sources / Millions of tons
Steel
Transportation
Desulphurization
Hydrocracking
Fertiliser
Heating
Long-term storage
Hydrogenation
Methanol
Mixed Other
100
75
50
25
2040
2060
2080

Successful, scaled nuclear programs shared these conditions for success



CCS Value Filter



Industrial processes that emit purer CO2 streams of especially biogenic CO2 that are on top of sequestration sites or pipeline heads can compete