



NorthEastern+IM are building pipelines to get green fuel to coastal areas.

Jilin making use of its central location in this network to boost its huge chemical industry.

Dalian is taking advantage of this w/ huge green refueling base in Changxin port + new green chemical base.



These provinces are all developing full Hydrogen industrial chain from electrolysis, storage & fuel cell to production & transport to using it in chemical industries, transportation & metallurgy.

Can this revitalize the Northeast?



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Developing Hydrogen industry takes planning & money  
Jilin Province in 2022 came out w/ 2021-2035 H2 plan w/  
goal of 10B RMB H2 industry by 2025, 30B by 2030 &  
100B by 2035  
Its current GDP is 1.6T, but already allocated 60B+ for  
various H2 projects

Plan includes electrolysis, H2 [Show more](#)



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As I stated here, Shanghai & other Chinese ports like Dalian & Shenzhen are all looking to become major trading hubs for green fuel & chemicals.

If world moves from fossil fuel to green fuel. Energy sector high value service jobs are moving to China



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3/29-30th, Shanghai Yangshan Port refueled Korean ship HMM Green in its automated pier w/ 2902t green methanol + 1532 TEU containers. 1st time an internationally operated ship bunkered Chinese produced green methanol.

A step in Shanghai becoming the global green fuel refueling [Show more](#)



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This past wk out of Chinese shipyards.  
Dalian built LNG dual fuel 16000 TEU container ship started sea trials for delivery to MSC  
JN launched another batch of LNG ships, large container ships, VLXC & VLEC.  
Inland shipyard building 6 LNG fuel 1138 TEU container ships  
Adoption of



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Through govt planning, private entrepreneurship & competition ->

China is breaking through on its energy security issues.

Well on its way to electrifying land transport + moving marine & air transport to green H2 based fuel

+ leading the way in H2 derivatives for chem industry

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