



Course material

Course:

Understanding the digital supply chain and its stakes for humanitarian actors

Video:

3.3.4 Competition between nations and conclusion

Concepts (extracted from automatically generated subtitles):

International sanctions. Digital decoupling. Technology autarky. Last key element. International humanitarian organisations. Fragmentation of global digital ecosystems. Digital products. Crucial role. Impact of sanctions. Foreign technologies. Nations. Conflict zones. Sanctions. Trend. Inefficiencies.



[to video sequence search](#)

(within Understanding the digital supply chain and its stakes for humanitarian actors.)



[to video](#)

Center for Digital Education. More educational support material here:

<https://www.epfl.ch/education/educational-initiatives/cede/educational-technologies-gallery/boocs-en/>

GEOPOLITICS AND THE DIGITAL ECOSYSTEM



Competition Between Nations and Conclusion

Mauro Vignati

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notes

summary

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Tech Autarky and Digital Decoupling

Nations seek technological independence and reduce foreign reliance.

Nations seek technological independence and reduce foreign reliance.

This brings us to the trend towards technology autarky and digital decoupling, which reflects a growing desire among nations

notes

summary

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Technology Autarky and Digital Decoupling

Indigenous Development

Nations develop own technologies to reduce foreign dependency.

Digital Restrictions

Increasing bans on foreign digital products and services.

Digital Decoupling

Global digital ecosystems split into region-specific networks.

to achieve technological independence and reduce reliance on foreign technologies. Technology autarky involves efforts by nations to develop indigenous technologies

notes

summary

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Technology Autarky and Digital Decoupling

Indigenous Development

Nations develop own technologies to reduce foreign dependency.

Digital Restrictions

Increasing bans on foreign digital products and services.

Digital Decoupling

Global digital ecosystems split into region-specific networks.

and reduce dependencies on foreign products and services.

notes

summary

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Technology Autarky and Digital Decoupling

Indigenous Development
Nations develop own technologies to reduce foreign dependency.

Digital Restrictions
Increasing bans on foreign digital products and services.

Digital Decoupling
Global digital ecosystems split into region-specific networks.

Nations are increasingly implementing events and restrictions on digital products and services from rival countries.

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summary

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Technology Autarky and Digital Decoupling

Indigenous Development
Nations develop own technologies to reduce foreign dependency.

Digital Restrictions
Increasing bans on foreign digital products and services.

Digital Decoupling
Global digital ecosystems split into region-specific networks.

This brings us to digital decoupling, which refers to the fragmentation of global digital ecosystems into separate region-specific networks.

notes

summary

0m 37s





Technology Autarky and Digital Decoupling

Indigenous Development
Nations develop own technologies to reduce foreign dependency.

Digital Restrictions
Increasing bans on foreign digital products and services.

Digital Decoupling
Global digital ecosystems split into region-specific networks.

Digital decoupling can lead to inefficiencies, increased cost, and challenges for international humanitarian organisations in delivering their operations in conflict zones.

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summary

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International Sanctions



Might impede technology transfer and restrict access to critical components.

Might contribute to the fragmentation of the digital landscape.

Might foster innovation in affected nations.

The last key element is about international sanctions. They play a crucial role in shaping the digital sector and its geopolitical landscape.

notes

summary

1m 1s



International Sanctions



Might impede technology transfer and restrict access to critical components.

Might contribute to the fragmentation of the digital landscape.

Might foster innovation in affected nations.

International sanctions can impede the transfer of technology and restrict access to critical digital components.

notes

summary

1m 13s



International Sanctions



Might impede technology transfer and restrict access to critical components.

Might contribute to the fragmentation of the digital landscape.

Might foster innovation in affected nations.

Sanctions contribute to the fragmentation of digital sector by restricting access to markets and technologies. The fragmentation can lead to the creation of alternative technology ecosystems, and the emergence of regional technological hubs.

notes

summary

1m 19s



International Sanctions



Might impede technology transfer and restrict access to critical components.

Might contribute to the fragmentation of the digital landscape.

Might foster innovation in affected nations.

The impact of sanctions is not limited to the targeted country but has ripple effects across the global digital economy. Sanctions can also spur innovation

notes

summary

1m 37s



International Sanctions



Might impede technology transfer and restrict access to critical components.

Might contribute to the fragmentation of the digital landscape.

Might foster innovation in affected nations.

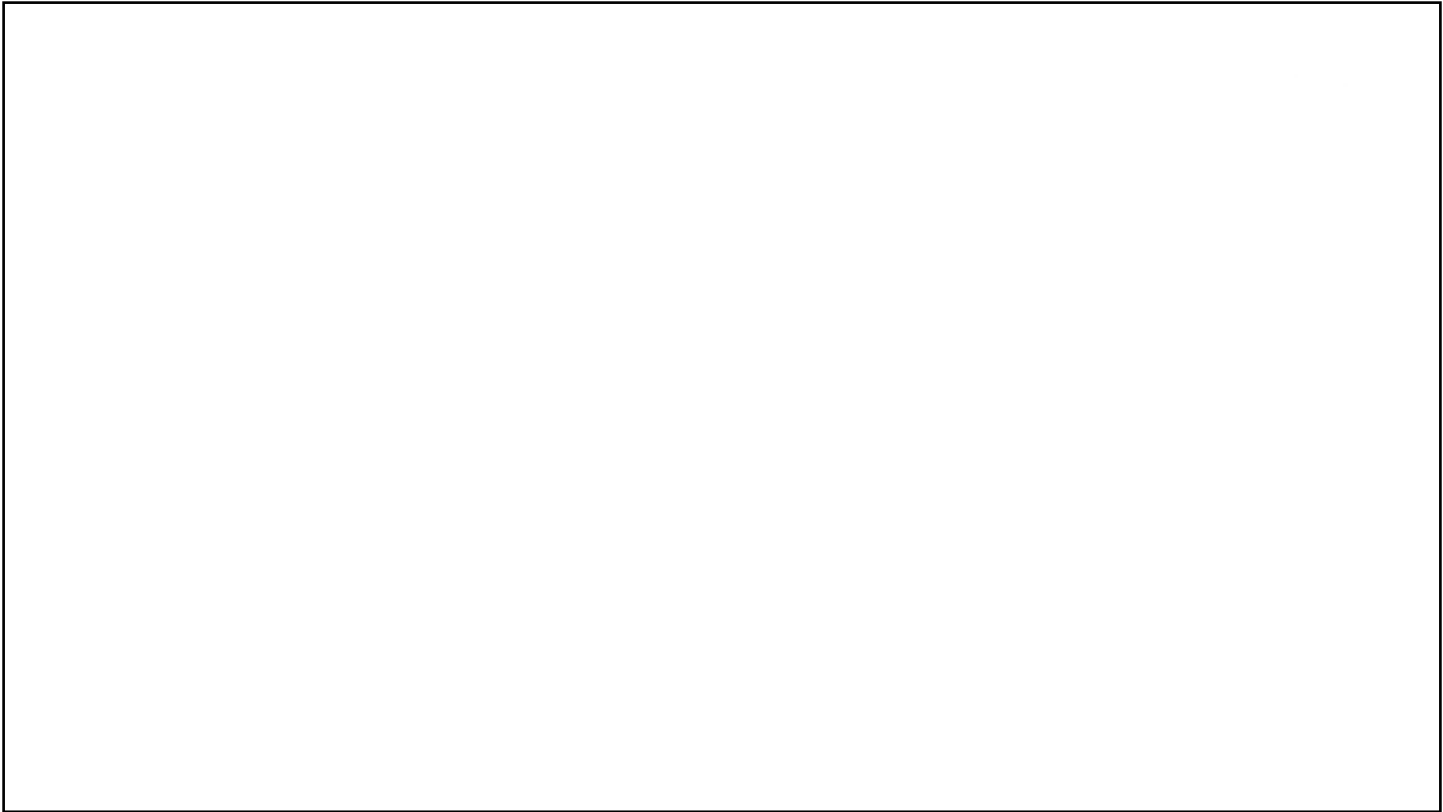
as affected nations seek alternative solutions.

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summary

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Thank you very much, and I hope you appreciated this lesson.

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summary

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