

The Final Take

Flagship insights to help navigate
Just Energy Transitions



25. April 2024
CINTRAN Webinar series



Photo by [Glen Carrie](#) on [Unsplash](#)

Agenda

01

Welcome & Intro

02

Keynote - **CINTRAN Findings**

Lukas Hermwille – **CINTRAN Project Coordinator**

03

Reflections at EU level: **Matthias Ecke – Member of the European Parliament, Germany**

04

Flagship outputs - Pitch Deck

- **Coping Strategies Inventory and Maps**
- **Just Transition Readiness Evaluation Tool**
- **Compensation Cost Analysis of Coal Phase-out**
- **4 Key Principles for a Just Transition**

05

Q&A / Reactions from the audience

06

Closing remarks

Housekeeping rules

- The session is being recorded
- Be active but allow others to share too!
- You may **use the Q&A section & MENTI** to ask your questions to speakers & audience
- The recording and slides will be made available soon after the session on our website: www.cintran.eu

Organising team

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Local Governments
for Sustainability

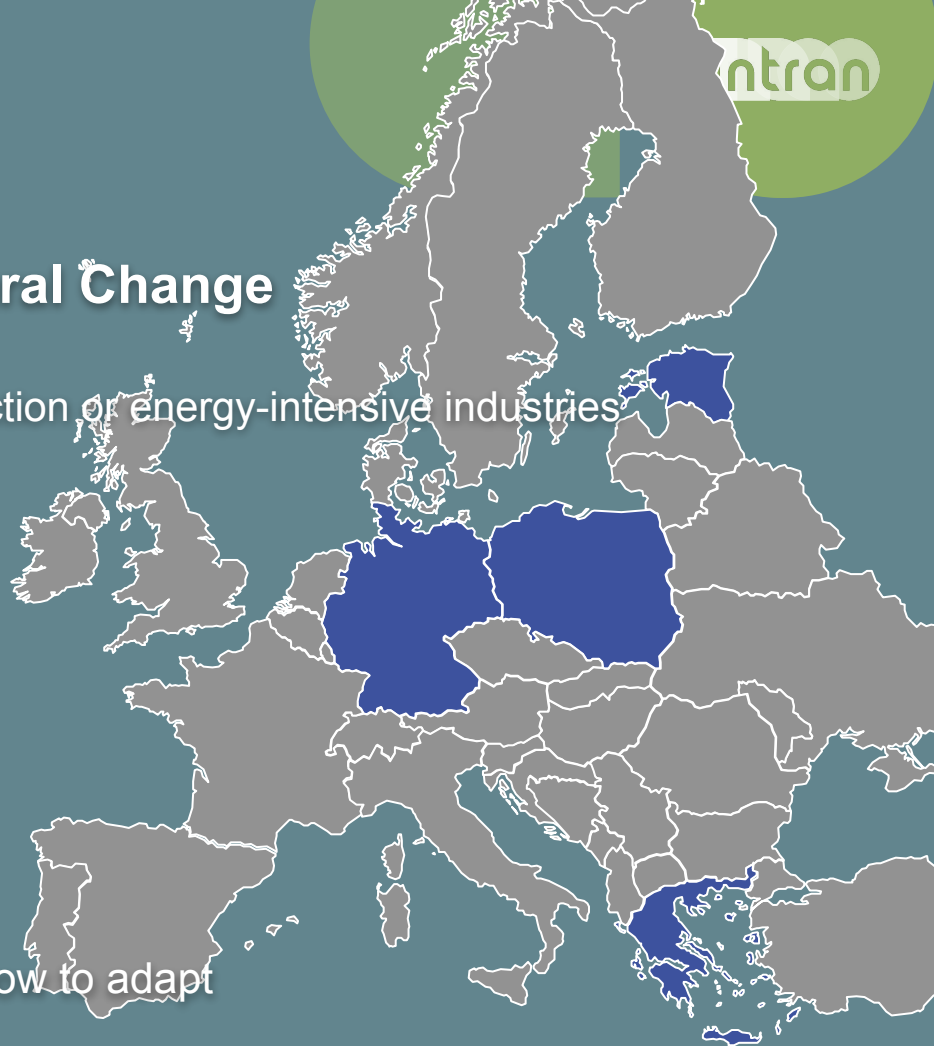
EUROPE

The CINTRAN project



Unravelling the Challenges of Structural Change

- ▶ Regions highly dependant on fossil fuel extraction or energy-intensive industries
 - ▶ Rhenish Mining Area (Germany)
 - ▶ Silesia (Poland)
 - ▶ Western Macedonia (Greece)
 - ▶ Ida-Virumaa (Estonia)
- ▶ Pace of transformation / Capacity to cope / How to adapt



About CINTRAN

cintran



FINDINGS

PUBLICATIONS

TOOLS

PROJECTS

NEWS

EVENTS

ABOUT



Finding 1

Transition needs to start now

It is urgent to start anticipating the transition now to get the best results for workers, communities and businesses.

www.cintran.eu

The aim for Balcombe, UK: to match 100% of Balcombe's electricity needs with locally owned solar power. - CC BY 2.0
- Photo by 10:10

About CINTRAN

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FINDINGS PUBLICATION

Publications

Coal Transitions is an international research hub which aims to collect credible and feasible trajectories and policy guidance for deep transitions in the coal sector in major coal producing and consuming countries.

COPING STRATEGIES INVENTORY OF COPING STRATEGIES



Boxberg/Oberlausitz, Germany – Photo by Torsten Kellermann

PUBLICATIONS (215)

2024



From parity to degrowth: Unpacking narratives of a gender-just transition

Paula Walk

#feminist theory #Gender justice #just transition #Narrative analysis

2024



Post-Lignite Era in Western Macedonia

Zoi Vrontisi • Sakis Mrofis • Dimitris Ziouzos • Evangelos Karlopoulos • Dimitris Mavrommatidis

#cintran #just transition #policy #socio-economic impacts #Western Macedonia

2024



Patterns and dynamics of structural change

transition phases

egies that people, organisations and global decarbonisation efforts.

CINTRAN events series

Capacity Building programme led by ICLEI Europe



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Unravelling the Challenges of Structural Change

Coal+ Regions in Transition event series

Russia's war's effects on coal+ phase-outs

ONLINE ON ZOOM
WEDNESDAY 6TH APRIL 15:00 - 16:30 CEST



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Unravelling the Challenges of Structural Change

Coal+ Regions in Transition event series

Territorial Just Transition Plans, in Process and in Practice

ONLINE
THURSDAY 19TH MAY 10:00 - 11:00 CEST



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Unravelling the Challenges of Structural Change

Coal+ Regions in Transition event series

Building socio-economic resilience in at-risk regions

ONLINE
TUESDAY, 20 SEPTEMBER 2022 AT 11:00-12:00 CEST



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Unravelling the Challenges of Structural Change

Coal+ Regions in Transition event series

Powering the just transition through youth engagement

ONLINE
WEDNESDAY, 8 FEBRUARY 2023



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Unravelling the Challenges of Structural Change

Coal+ Regions in Transition event series

Designing a gender just transition: women's agency and role in carbon-intensive regions

ONLINE
TUESDAY, 28 MARCH 2023 (14:00-15:00 CET)

#10 of a **10 webinar series**:
In-person events and webinars

CINTRAN events series

Capacity Building programme led by ICLEI Europe

cintran



ONLINE
WEDNESDAY, 5 JULY (10:00-11:30 CEST)



JT Ready - Launch of the Just Transition Readiness Evaluation Tool

ONLINE
WEDNESDAY, 6 DECEMBER 2023 (11:00-12:00 CET)



CINTRAN flagship insights to help navigate the just energy transition - the Final Take

ONLINE
THURSDAY, 25 APRIL 2024 (10:00-11:30 CET)



Coping together: united communities & engaged governments for a just transition

ONLINE
TUESDAY, 6 DECEMBER 2022 AT 10:00-11:00 CET



Accelerating Ambitious and Just Coal Phase-outs

ONLINE
WEDNESDAY, 7 FEBRUARY 2024 (11:00-12:00 CET)



#10 of a **10 webinar series:**
In-person events and webinars



Keynote:

Lukas Hermwille
*Wuppertal Institute,
Project coordinator
Germany*

CINTRAN Findings

Carbon Intensive Regions in Transition –
Unravelling the Challenges of Structural Change

The CINTRAN logo consists of the word "cintran" in a lowercase, sans-serif font. The letters are white and are set against a background of three overlapping, semi-transparent circles in shades of green and blue. The circles are arranged horizontally, with the leftmost one being the largest and the others slightly smaller and overlapping it.

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Unravelling the Challenges
of Structural Change

CINTRAN Regions

Rhineland:

Population: 2.45M | Miners: ~10,000
Lignite | Phase-out: 2030

Western Macedonia:

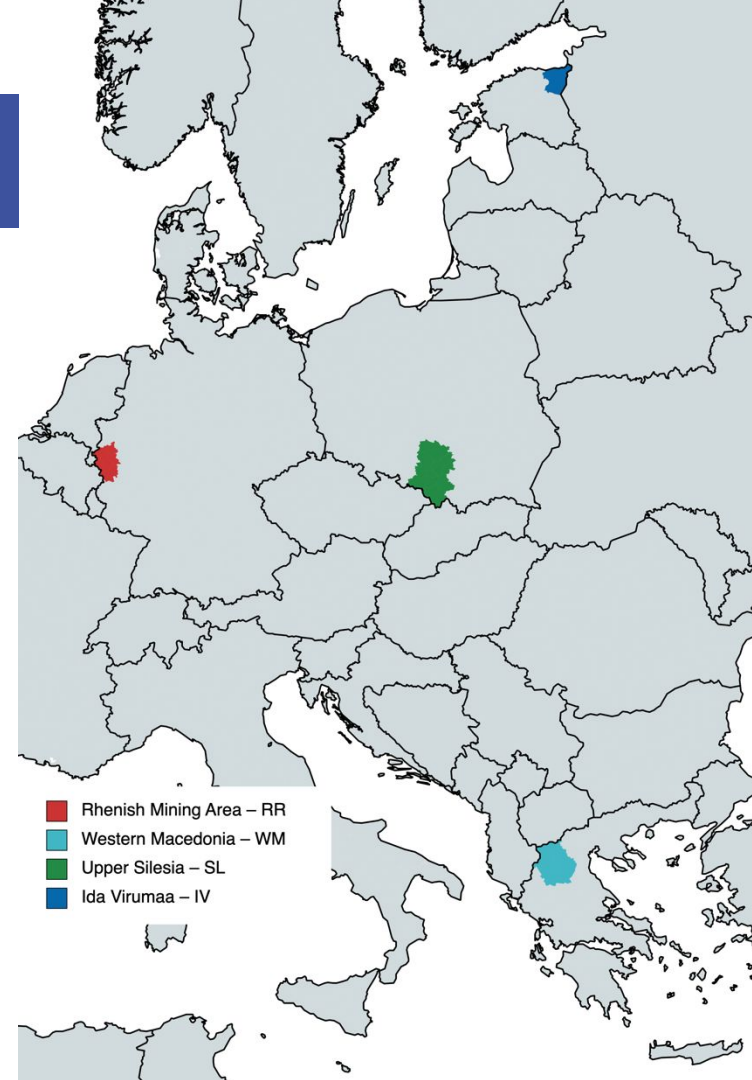
Population: 265,000 | Miners: ~5,200
Lignite | Phase-out: 2028

Silesia:

Population: 4.5M | Miners: ~70,000
Hard coal | Phase-out: 2049?

Ida Virumaa:

Population: 133,000 | Miners: ~5,000
Oil shale | Phase-out: n. d.



A photograph of a protest. In the foreground, a person with curly hair and a blue face mask holds a black pole with a light blue sign that reads "JUST TRANSITION NOW" in large, black, hand-painted letters. The background shows a crowd of other protesters, some wearing masks, in an outdoor setting with trees and buildings.

JUST TRANSITION NOW

What is a “Just Transition”

Just Transition is an elusive concept in practice:

- › People have no concrete vision of what a Just Transition is.
- › Justice is necessarily aspirational, it is always work in progress.
- › There is no benchmark for a successful Just Transition.

» **WE NEED TO STUDY INJUSTICE**

A photograph of a protest or rally. In the foreground, a person with curly hair and a blue patterned face mask holds a black pole with a light blue sign that reads "JUST TRANSITION NOW" in black, hand-painted capital letters. The sign is attached to a black pole. In the background, other people are visible, some wearing face masks, and the scene is outdoors with trees and buildings in the distance. The overall atmosphere is one of a public demonstration.

JUST TRANSITION NOW

**A successful
JUST TRANSITION
remedies existing
INJUSTICES
and minimizes
and avoids new
INJUSTICES.**

Illusion of Prosperity

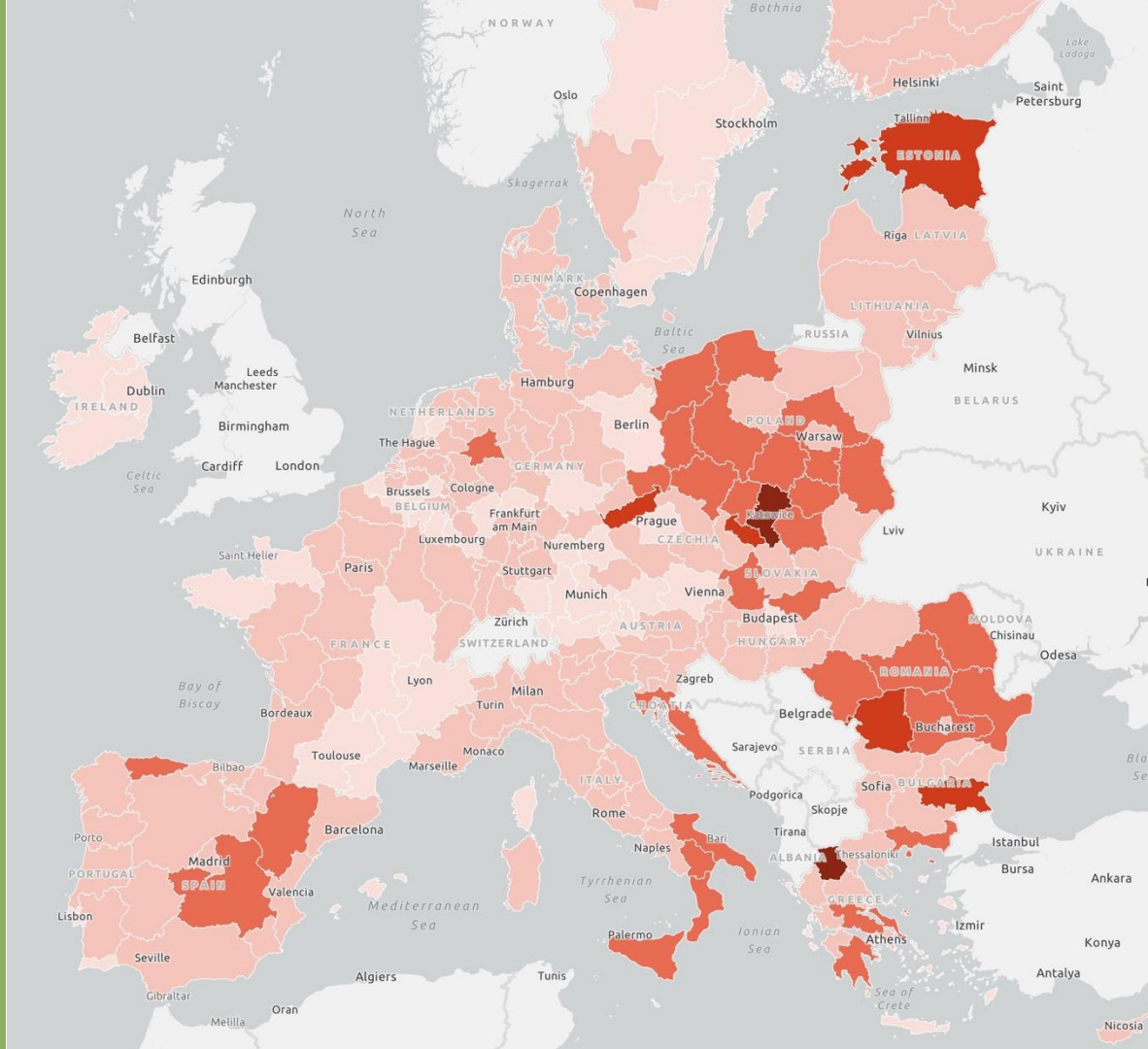
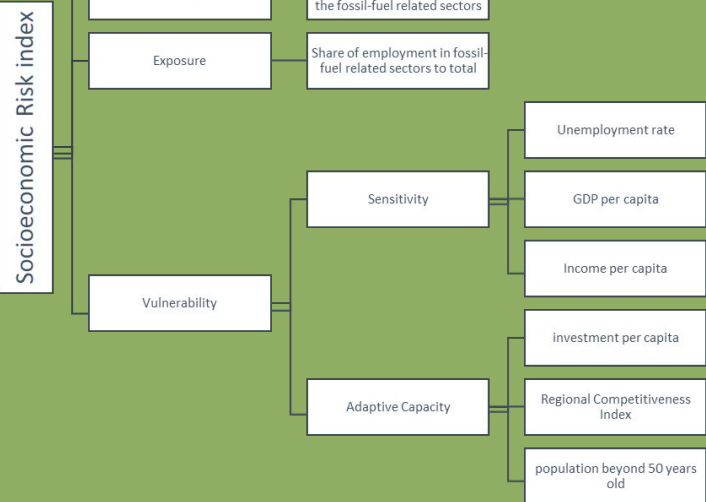


There is a notion that coal regions have benefitted from the industry in the past.

- › They are often the largest employer, paying very well
- › They are the largest contributors to regional GDP.
- › They are often the only relevant traded industry, all other sectors indirectly serving it

Without fossil fuel industries the regions would have developed very differently, but they would not be an economic desert.

Socioeconomic Risk Index: Hazard, Exposure, Vulnerability



Legacies in coal+ regions



Photo by [Lukas Hermwille](#) (CINTRAN project coordinator)

› Suboptimal infrastructure

- › Transport
- › Housing
- › Services
- › Too much industry

› Poor reputation

- › Businesses
- › Youth
- › New residents
- › Visitors

› Gender imbalances

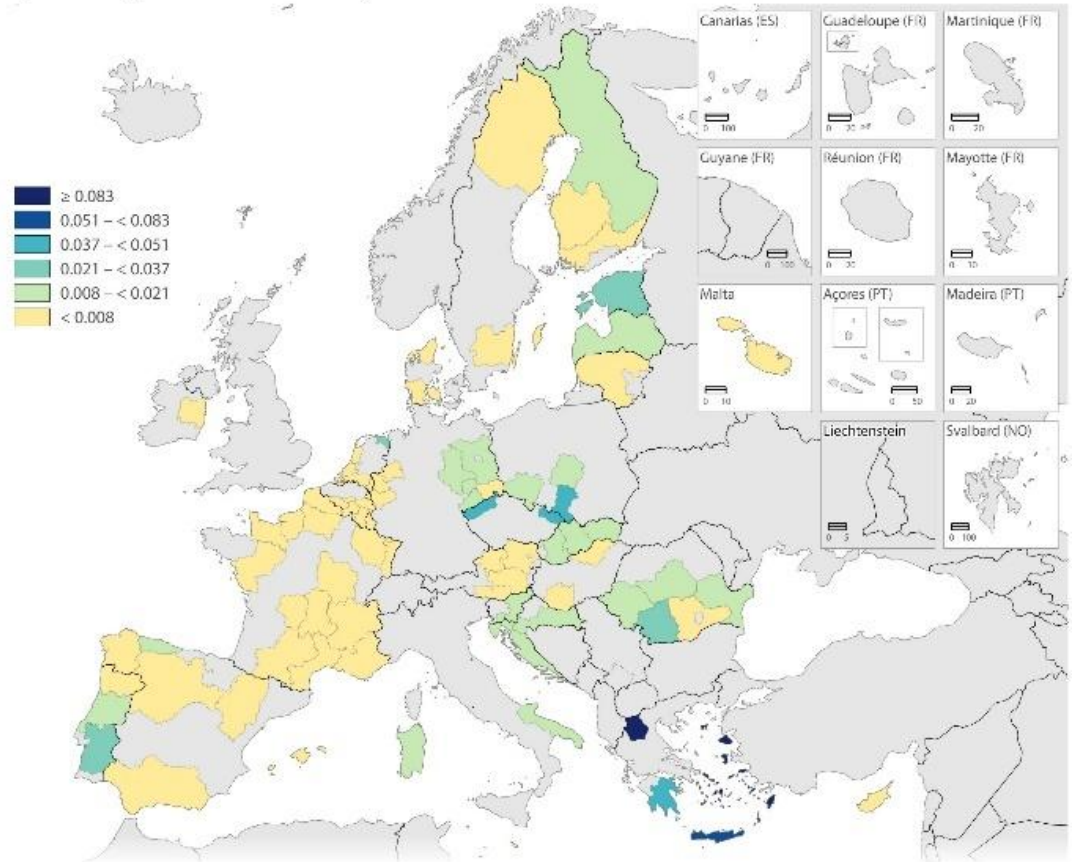
- › Traditional family lifestyle
- › Exclusion from higher decisions
- › Often lead family decisions
- › Many most active are women

Does the JTF Work?

Employing macro-economic modelling we find that the JTF gives a significant boost to JT Regions.

- › Investments in RE, alternative fuels etc. are less effective due to high imported content.
- › Overall multiplier across all regions is 1.4
- › Benefits are highest in Greece, Czech Republic and Romania

Labour income
(% change from NETZERO)



We all agree that
we need a
Just Transition, but
what do we mean?

Research Questions:

- › Which narratives are characterising the political discourse around just transition at the regional level?
- › Which (in)justices are being invoked by regional stakeholders?
- › Which patterns, similarities or differences are recognizable between regions?

Key Findings

- › **Hopeful narratives** prevail in all regions. They are key to unblock resistance and the foundation for effective adaptation.
- › The adoption of a **legally binding phase-out decision** was a **watershed moment** for stakeholders that helped redirecting resources from resistance towards adapting to the new situation.
- › The pace of the transformation and the quality of managing the structural changes are contested. Stakeholders in all regions highlight the need for **localized approaches**.
- › Key justice-related concerns are the **allocation of opportunities** arising from the transformation and the way in which legacy injustices from the incumbent fossil industry are being addressed.

WORKERS ARE NOT PASSIVE VICTIMS:

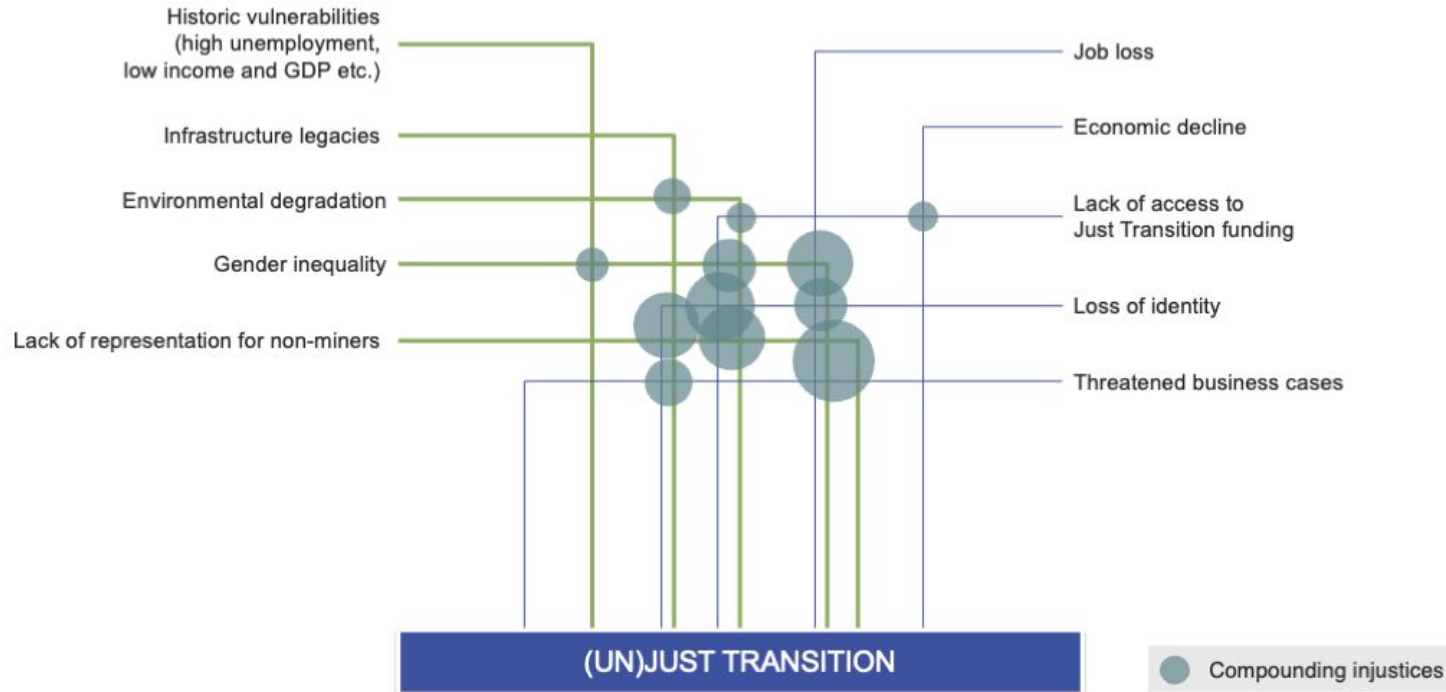
**We should focus on
carbon-intensive
industry workers and
their families as
INDIVIDUALS and not
as a group.**

- › **Avoid reinforcing stereotypes of being helpless, backward or dangerous.**
- › **Tradition, place-based identity and kinship ties are important.**
- › **Workers have agency. They are preparing a Plan B for themselves and their families.**
- › **They are held back by the same structural problems affecting the non-mining population**
- › **Well-designed social policies can help alleviate these problems and further enable agency.**

Focus on Compounding Injustices

LEGACY INJUSTICES

TRANSFORMATION INJUSTICES



Focusing on compounding injustices may lead to different ways to address Just Transition:

- › Placing focus on pre-existing injustices is a key lever to break resistance against decarbonization. It helps to create a broader alliance for change. **Those who are fighting for their privileges are not the ones driving the change.**
- › It helps us to be systematic about identifying the key issues.
- › It also helps us to focus our attention on the most urgent and important injustices.
- › It is a potential starting point for assessing progress and evaluating policy efforts. So far none of the emerging evaluation frameworks focus on money spent, GDP and jobs but not on the core justice questions.

PARTNERS



Budget: EUR 3 Million

Project duration: 2020-2024



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 884539.

- ▶ Slide 2&3: Photo by Laurie Shaul / CC BY-SA 2.0 (via [Wikimedia Commons](#))
- ▶ Slide 5: Photo by Raimond Spekking / CC BY-SA 4.0 (via [Wikimedia Commons](#))
- ▶ Slide 7: Photo by Lukas Hermwille



Thank You!

Lukas.Hermwille@wupperinst.org

April 2024

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Leave your thoughts / questions / reactions (add the name of the speaker for questions)

All responses to your question will be shown here

Each response can be up to 200 characters long

Turn on voting in Interactivity to let participants vote for their favorites



Reflections at EU level



Matthias Ecke is a Member of the European Parliament at the Social Democratic Party of Germany (*Sozialdemokratische Partei Deutschlands - SPD*) for Saxony. Active within the Committee on Regional Development (REGI) and the Committee on Industry, Research and Energy (ITRE).

Flagships Outputs



Flagship outputs' speakers

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Marie Claire Brisbois
*Sussex University
Energy Group,
Co-Director and
Senior Lecturer*

United Kingdom



Jannis Beutel
*Wuppertal Institute,
Researcher, Future
Energy and
Industrial Systems*

Germany



Lola Nacke,
*Chalmers University
of Technology,
Doctoral Student,
Physical Resource
Theory Division*

Sweden



George Stiff,
*ICLEI Europe - Local
Governments for
Sustainability, Senior
Expert, Sustainable
Energy Systems*

Spain

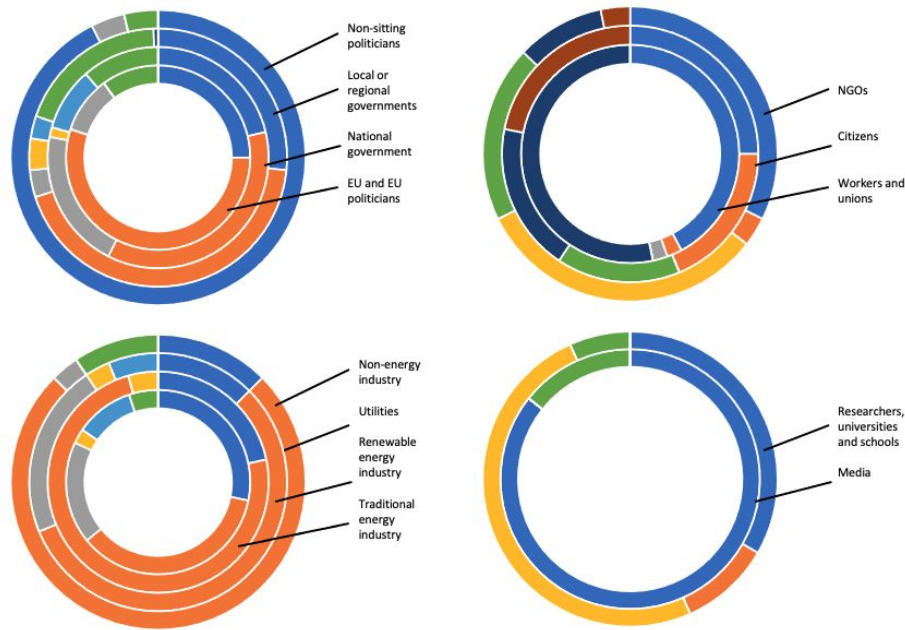
Coping Strategies Inventory and Maps



Marie Claire Brisbois



Coping Strategy and Mapping Insights



01 – Resistance often reveals injustice

When there is public resistance to transitions, it often means that there are unaddressed new or legacy injustices

02 – There is strong public appetite for transformation

People don't want to recreate the status quo through transition - they want fairer, more inclusive societies

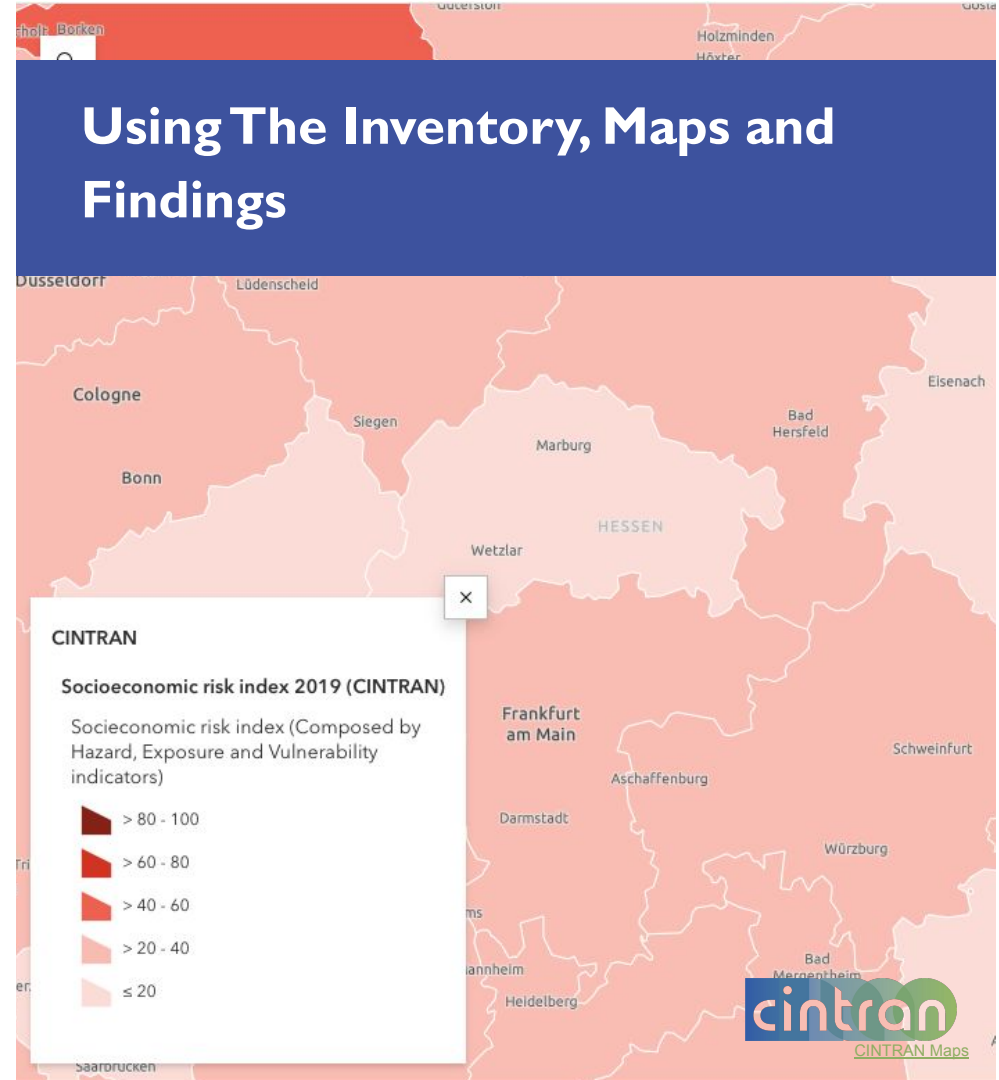
03 – Transitions still largely reproduce elite power

Most top down transition activities recreate the status quo

01 – Inventory outputs provide guidance on how to design transition processes to support transformation

02 – The Maps provide insight into which regions require special attention

03 – Together they will help direct efforts to ensure no one is left behind



JT:READY

A Just Transition Readiness Evaluation

Tool for coal and
carbon-intensive regions



Jannis Beutel



**Wuppertal
Institut**

The JT:READY framework



01 – Just Transition policies so far failed to deliver their promises

02 – A transition approach that aims to be truly just needs to take into account various dimensions of justice

03 - Spatial Planning can be one of the most powerful policy tools for JT on the local level

01 – Learn about relevant policy areas for a just transition

02 – Identify gaps and inconsistencies in (local) policy frameworks

03 – Get inspired by good practice examples

Social pillar

I. Quality of Life

I.1. Are there policies to maintain and improve social and cultural infrastructure in the region?

Why is it needed?

- Coal and carbon-intensive regions are often also undergoing a demographic change, in which young people move away, while the people who stay, feel left behind.
- The social side of the just transition is not only about jobs, but about the quality of life that people can expect to have in a region.
- Improving social and cultural infrastructure is an essential part of a just transition, as it can improve the attractiveness of the region as a place to live in and give their inhabitants opportunities for self-expression and well-being.

What is needed?

- Opportunities for citizens to actively engage in their community in various forms*.
- Public and semi-public spaces for being creative and trying new things.
- Recreational spaces for citizens.

Environmental pillar

Governance pillar

How can it be addressed locally?

- Incorporate the potentials offered by cultural heritage and the creative industries into the process of setting up local policy strategies.
- Policies to support bottom-up initiatives and community groups (sports teams, theatre ensembles, reading circles, etc.).
- Enabling an (interim) use of cultural events.
- Providing space for youth to own their own thing.
- Environmental rehabilitation and touristic purposes

Social pillar

I. Quality of Life

I.1. Are there policies to maintain and improve social and cultural infrastructure in the region of Life?

Environmental pillar

Governance pillar


Examples

The Lewarde Mining History Centre in France is an example of how cultural heritage has been preserved while opening up new economic opportunities for the region. It symbolises the transition from a highly industrialised region into a tourist hot spot with a national significance. Many other coal mining regions in Europe have established museums and heritage sites, but Lewarde has been particularly successful in interlinking the museum to the local community and mining heritage of the city.

Read more: [The Lewarde mining history centre \(France\)](#)

The 'Latrobe Valley Sports and Community Initiative' supported construction and upgrades of many sporting precincts in the Latrobe Valley, Australia. This increased opportunities for local communities to participate in local sport clubs and provided an economic boost through visitation to the region for major events. (Partnerships with 9 elite sporting organisations have brought over 30 major events to the region).

Read more: [Latrobe Valley Sports and Community Initiative](#)



The former mine building has been transformed into a museum, giving the region a place for upholding mining heritage, but at the same time also spaces for cultural events. (Source: [Mining History Centre](#))



The Latrobe valley is a regional event precinct which hosts many sport events. (Source: [Latrobe Valley Sports Centre Trust](#))

Just Transition Readiness Evaluation Tool

for coal regions in transition

027

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Leave your thoughts / questions / reactions (add the name of the speaker for questions)

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Compensation cost of coal phase-out



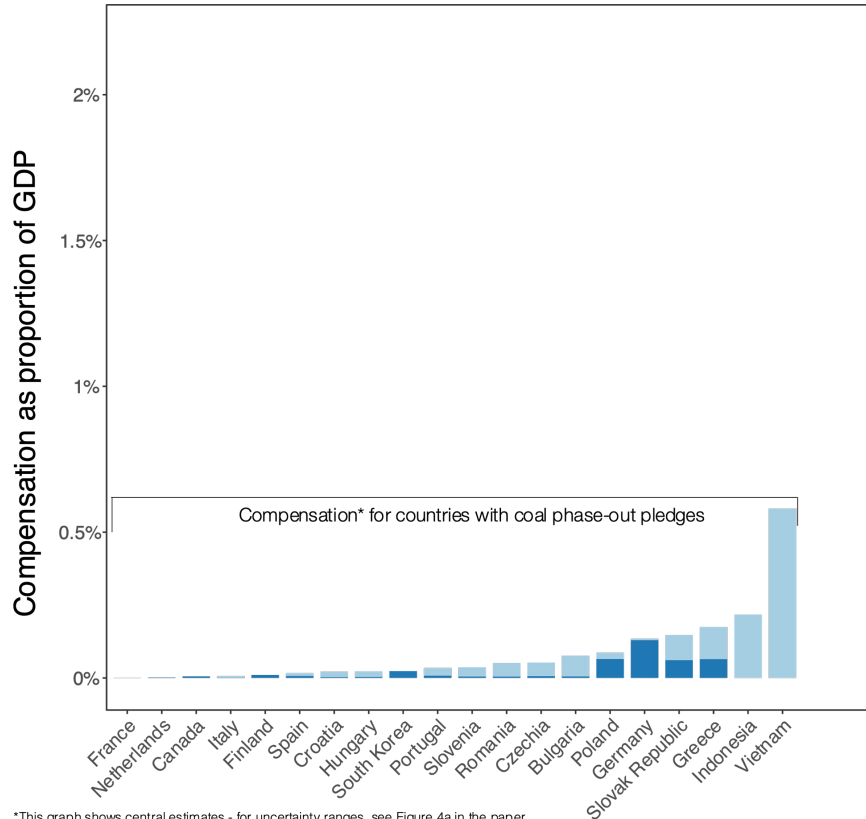
Lola Nacke



CHALMERS

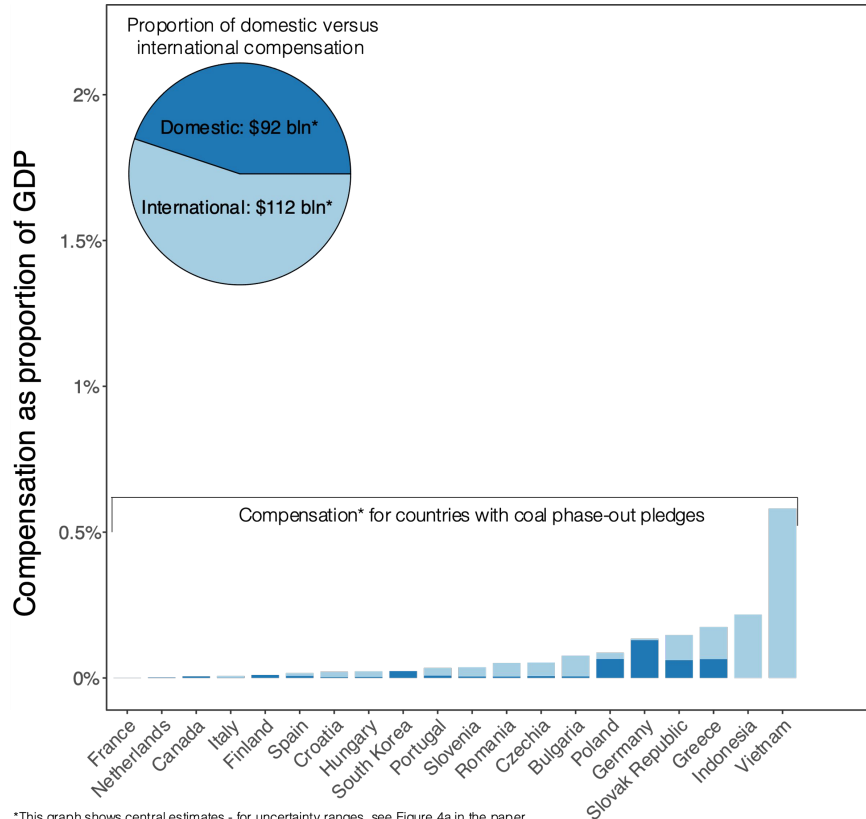
Compensation cost for coal phase-out

01 - Countries with the most ambitious coal phase-out plans financially support the actors negatively affected by it!



*This graph shows central estimates - for uncertainty ranges, see Figure 4a in the paper.

Compensation cost for coal phase-out

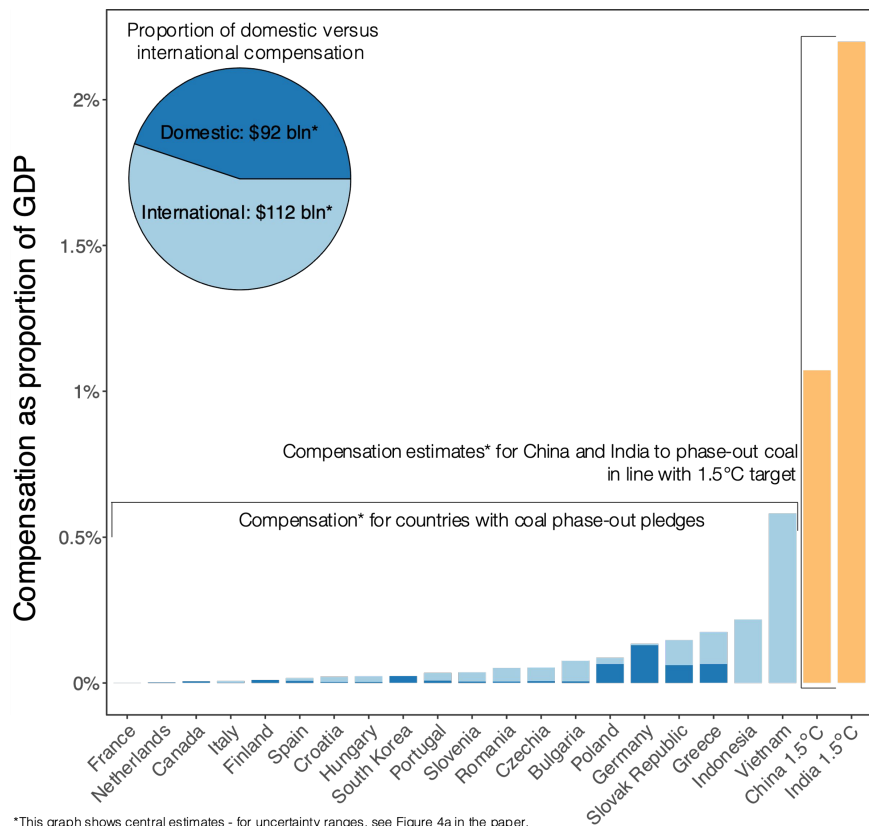


*This graph shows central estimates - for uncertainty ranges, see Figure 4a in the paper.

01 - Countries with the most ambitious coal phase-out plans financially support the actors negatively affected by it!

02 - International finance, like from the EU's Just Transition Fund, plays an important role!

Compensation cost for coal phase-out



*This graph shows central estimates - for uncertainty ranges, see Figure 4a in the paper.

01 - Countries with the most ambitious coal phase-out plans financially support the actors negatively affected by it!

02 - International finance, like from the EU's Just Transition Fund, plays an important role!

03 - Much larger amounts would be required for the world's largest coal consumers to phase out coal in line with the Paris climate targets



01 – A rational policy choice

Compensation is associated with more ambitious coal phase-out, at a cost similar to EU ETS carbon prices

02 – Good governance is crucial

Distribution and implementation of funds needs to be well-governed to reap their benefits

03 – Account for local costs, also in future transitions

Climate change mitigation benefits everyone, but costs are borne locally – compensation can help to account for these local costs

What are the policy insights from studying compensation for low-carbon transitions?



Green and Just Recovery



4 Key Principles for a Just Transition



George Stiff



Local Governments
for Sustainability
EUROPE



Thriving beyond injustices

01 - Transform Injustices into Justices!

- ❖ Roots of resistance found in diverse **injustices + lock-in**
- Transparent **communication**
- Build up genuine **trust**
- **Resolve injustices** together

02 - Together We Thrive!

- ❖ Difficult to engage if relying on **overly abstract** concepts or only discussing **about** actors
- Focus on **concrete concerns**
- Speak **with** stakeholders



03 - Attract and Retain Your Talent!

- ❖ Narrow focus on **investments** and **skill** development
- Support **SMEs** and **start-ups**
- Upgrade available **services**
- **Community-wide** skills

04 - Steady Compass for a Just Transition!

- ❖ **Coal commissions** 👍 👎
- ❖ **Monitoring** not yet sufficient
- Full **political leadership**
- Diverse **expert** commissions
- Strong **monitoring/revision**



cintran Skills for a steady transition

Events

6. March 2024

CINTRAN Final Stakeholder Event

The CINTRAN Final Stakeholder Event will be taking place on 6 March 2024 in Brussels!



Date & Time: Wednesday, 6 March 2024 from 9:00 to 15:00+

Registration: [here](#)

Agenda: [here](#)

After 4 years of successful research implementation, [CINTRAN](#) – Unravelling the

Accelerating Ambitious and Just Coal Phase-outs

This event takes place on 7 February 2024. More information can be found [here](#).



CINTRAN Final Academy Event

This event takes place on 5 March 2024. More information can be found [here](#).



CINTRAN Final Stakeholder Event

This event takes place on 6 March 2024. More information can be found [here](#).





Q&A



Thank you!

**This is not a goodbye but
a see you later!**



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25. April 2024

