



INNER PERIPHERIES IN POLAND

- GEOGRAPHY MATTERS



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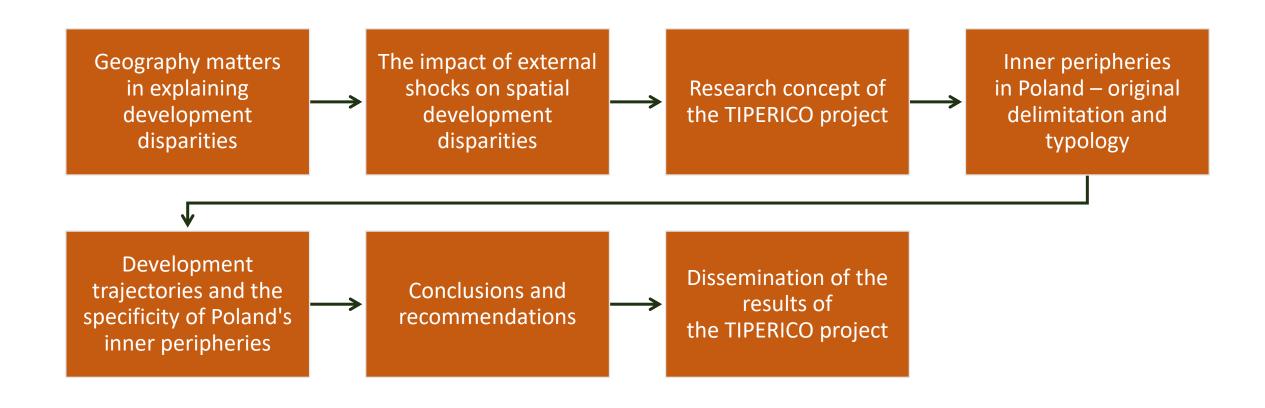






AGENDA





GEOGRAPHY MATTERS IN EXPLAINING DEVELOPMENT DISPARITIES

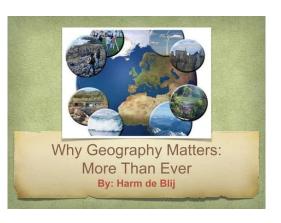




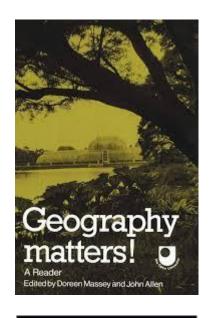


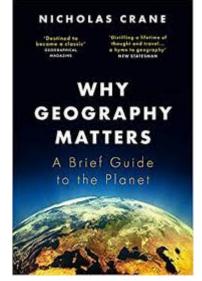
Geography matters





- Geography is fundamental to understanding spatial disparities, as it provides the spatial framework within which inequalities manifest. By analyzing the distribution of resources, opportunities, and treatment across different locations, geography helps reveal the root causes and consequences of spatial inequality.
- The development of regional science and quantitative and theoretical geography drew the attention of mainstream economists. They found in economic geography an inspiration to develop economics by enriching it with a spatial and regional dimension.
- Without geography that accounts for the heterogeneity of territorial capital, we cannot explain the contemporary patterns of socio-economic development processes. Nor can we properly design and implement development interventions in accordance with the principles of the prevailing place-based policy paradigm.







Territory matters

TERRITORIAL COMPONENTS OF DEVELOPMENT

concept of the region economic region

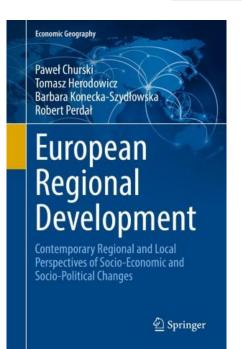
Heberston, 1905; Hettner, 1927; Hartshorne, 1956, 1959; Whittlesey, 1954

growth poles concept core-periphery concept_{Perroux},

1955; Isard, 1960; Friedmann, Alonso, 1964; Boudeville, 1964, 1972; Paelinck, 1965; Friedmann, 1967

diffusion concept

Ratzel, 1891; Rogers ,1962; Hägerstrand, 1951; 1952; 1967;



innovative environment

Aydalot, 1976

embeddedness

Aydalot, 1986; Ratti i inni, 1997; Crevoisier 2004; Cook i inni, 2005;

TERRITORIAL CAPITAL

Camagni, 2008; Van der Ploeg i inni, 2008; Ventrua, 2008; Capello i inni, 2010; Berti, 2011; Camagni, Capello, 2013;

Fratesi, Perucca, 2014; Churski et al. 2020; Churski et al. 2021

POLSKA AKADEMIA NAUK KOMITET PRZESTRZENNEGO ZAGOSPODAROWANIA KRAJU PAN

STUDIA CYKL MONOGRAFII

PAWEŁ CHURSKI TOMASZ HERODOWICZ BARBARA KONECKA-SZYDŁOWSKA ROBERT PERDAŁ

TEORETYCZNY I PRAKTYCZNY WYMIAR POLITYKI ROZWOJU ZORIENTOWANEJ TERYTORIALNIE

(Theoretical and Practical Dimension of Place-base Territorial Policy)

TOM 9/201

WARSZAWA 2020



Functional areas in cohesion policy practice

Integrated Territorial Investments (ITI) are a form of cooperation under which partnerships of cities and the surrounding municipalities, along with regional authorities, will jointly implement projects financed by European Funds.







In the 2021–2027 financial perspective, the scope of the ITI instrument has been expanded. It is no longer limited to the Functional Urban Area of the Regional Capital (FUA RC), but also includes other FUAs designated by regional governments, particularly medium-sized towns losing their socio-economic functions, which were defined in the National Strategy for Regional Development 2030 (NSRD 2030) as Areas of Strategic Intervention (ASI) of national importance





THE IMPACT OF EXTERNAL SHOCKS ON SPATIAL DEVELOPMENT DISPARITIES







Development challenges in the post-COVID Europe

climate crisis

energy crisis



financial medical affect dangerous internet disease difficult school understand disease difficult school understand lecture human health family problem started lecture human health family problem st

ondition Inflation

supply chains



- Asymmetric shocks, e.g., COVID-19, the war in Ukraine, and their consequence: change of global supply chain, inflation, energy crisis, economic recession.
- **Geographically uneven impacts** weaker position of areas with less relational capacity?
- inflation New opportunities of distant work, new populations, restructuring supply chains, energy transition?
 - Statements of the 9th Cohesion Report (2024):

..."we need "creating new economic perspectives for less developed and peripheral regions", "strengthening urban-rural links and the role of smaller cities and towns", "addressing the needs of left behind places"...

..."for more effective and efficient influence on the growing spatial disparities in development, 'it is necessary to use functional areas' as both the subject and object of programming development activities,...



RESEARCH CONCEPT OF THE TIPERICO PROJECT







Inner Peripheries

Categories of low-development regions

places as loci of discontent (Florida 2021, Martin 2021)

left-behind people and places (McCann 2019, Dljkstra et al. 2020)

places that don't matter (Rodríguez-Pose 2018)

INNER PERIPHERIES

(Servillo et al. 2016)

Operational application in the cohesion policy

low-growth regions (European Commission 2015)

lagging regions (European Commission 2015)

low-income regions (European Commission 2015)

Approaches in the analysis of development processes

remote areas
(Ardener 2012 [1987])
antrhopological approach

periphery areas
(Keeble et al. 1998, Copus 2001)

geographical approach

periphery and semi-periphery (Connell et al. 2005) sociological approach

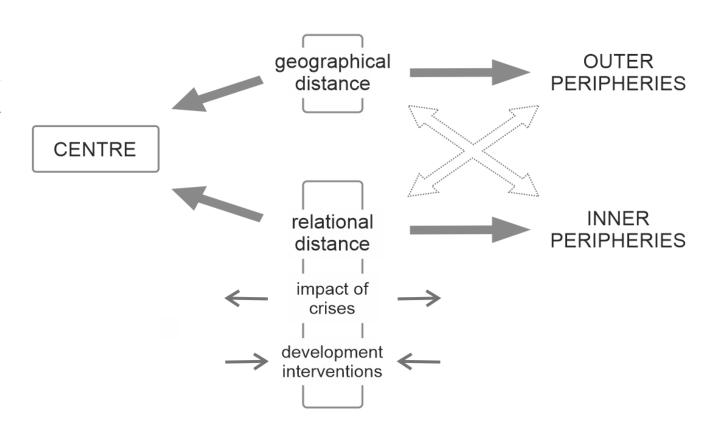


Inner Peripheries in TIPERICO project

We understand the inner peripheries as areas with dormant or lost development potentials, due to their social or economic peripherality, caused in particular by low communication accessibility and a relatively long time distance to economic centers, a limited range of functional connections and the lack of abilities or difficulties in establishing them permanently.

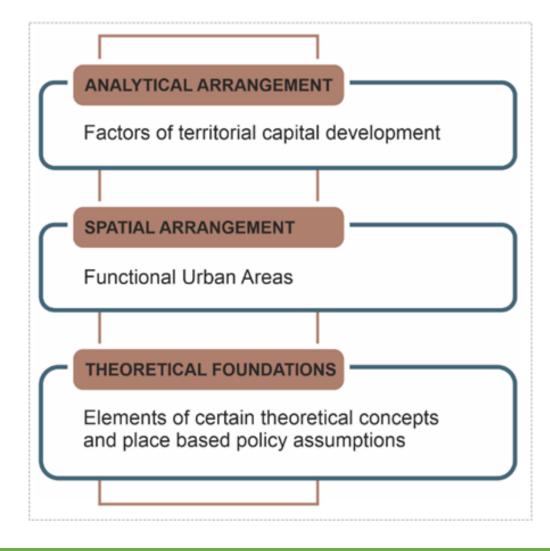
Their characteristic features are:

- relatively low efficiency of the territorial socio-economic system,
- relatively low access to public goods and services,
- relatively low quality of life (wellbeing).



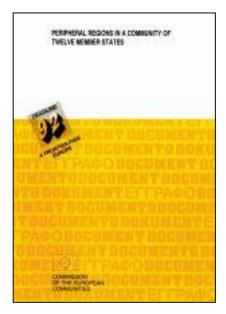


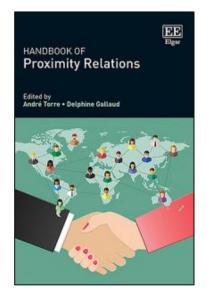
General structure of the theoretical-conceptual model of inner peripheries



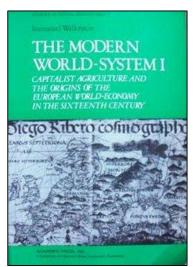


Theoretical-conceptual model of inner peripheries: theoretical foundations





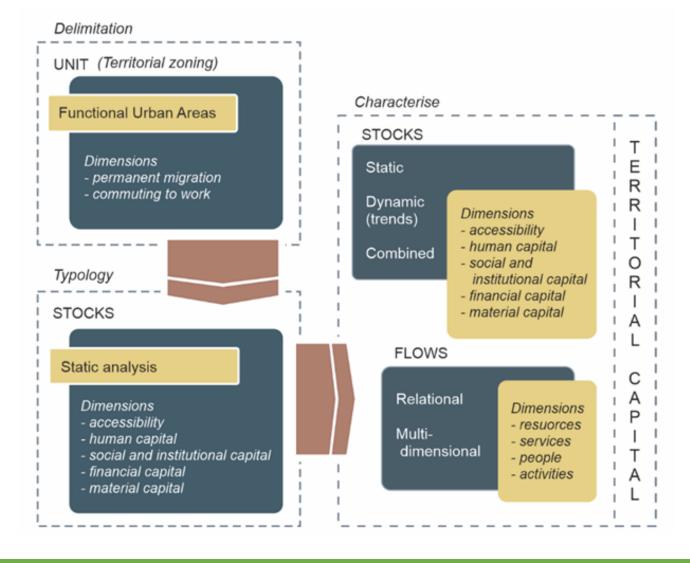




PLACE BASED POLICY - place based approach - territorial capital - integrated development planning - flexible ad hoc intervention instruments - long-term adaptability and resilience SPATIAL JUSTICE - equality of opportunity - distributive justice - procedural justice - intergenerational justice - spatial social minimum FOUNDATIONAL ECONOMY - goods and services consumed by all - basic infrastructure **GEOGRAPHICAL ORGANISED PERIPHERALITY PROXIMITY** ability to create interactions location theory logic of belonging - growth pole theory logic of similarity - core-periphery theory - agglomeration effects MODERN WORLD SYSTEM - social system - agency of power

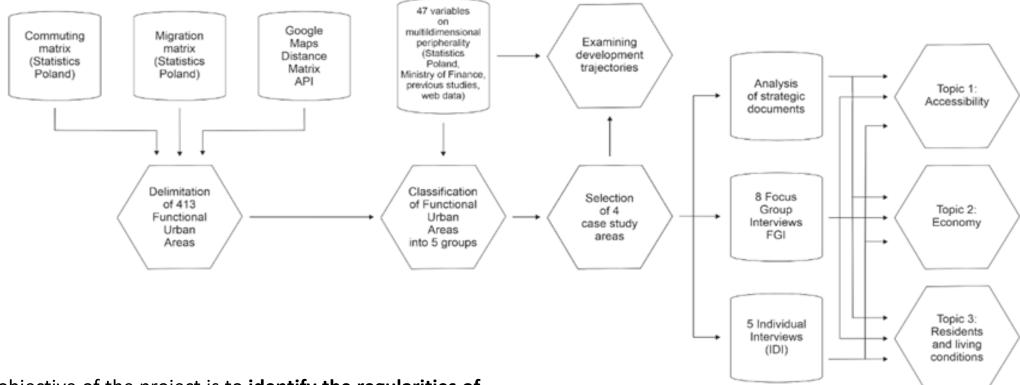


Assumptions of the original identification and typology of inner peripheries





TIPERICO project - stages of the research procedure



The objective of the project is to identify the regularities of changes to the socio-economic development in selected inner peripheries in Poland with special attention given to their sensitivity and resilience to the consequences of the SARS-CoV-2 crisis, and the resulting recommendations for the changes in the development policy interventions.

The application-related goal of the project refers to recommendations on the direction and ways of making developmental intervention (including the choice of instruments) in inner peripheries in Poland with special emphasis placed on the importance of the local cities to creating conditions for networking and diffusion of developmental processes.



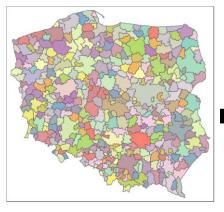
INNER PERIPHERIES IN POLAND — ORIGINAL DELIMITATION AND TYPOLOGY







Identifying Inner Peripheries in Poland

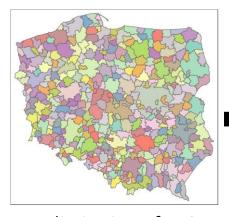


Delimitation of 413 functional urban areas (FUAs)

classification based on 47
indicators of 9
dimensions of
peripherality
(Accessibility, Economy, Finances,
Demography, Housing, Health and
security, Education, Leisure and
social activity, Ecosystem services)



Identifying Inner Peripheries in Poland



Delimitation of 413 functional urban areas (FUAs)

Classification based on 47 indicators of 9 dimensions of peripherality (Accessibility, Economy, Finances, Demography, Housing, Health and security, Education, Leisure and

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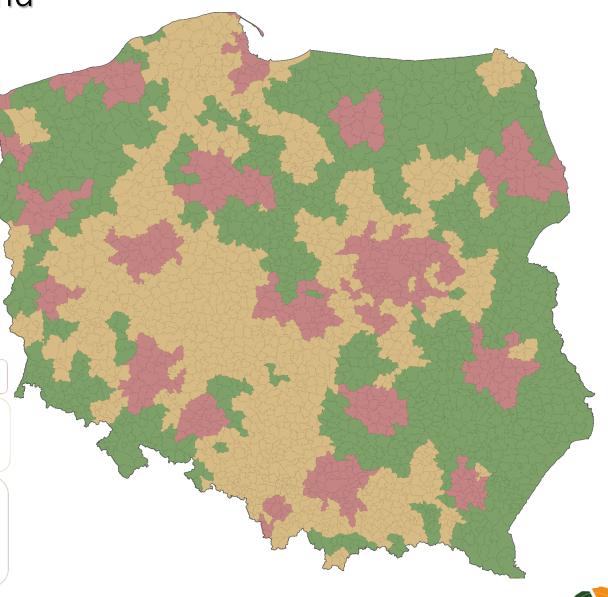
 484 communes located within 25 functional urban areas of large cities (above 150,000 inhabitants) and regional centers



- 250 communes located within 39 functional urban areas of large and medium seized cities, mainly industrial cities n the Upper Silesian conurbation
- 781 communes located wthin 141 functional urban areas of middle-seized and small cities/towns, located primarly in the western part of the country



- 467 communes located within 112 functional urban areas classified as second-order inner peripheries, located in north-eastern and north-western Poland, strongly experienced through the system transformation
- 495 communes located within 96 functional urban areas classified as first-order inner peripheries, located maily in eastern part of the country, on the geographical peripheries of the European Union

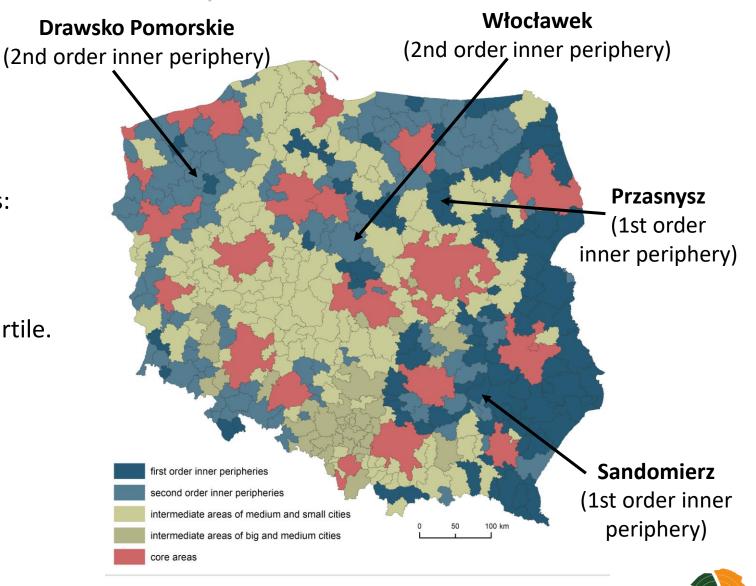




Case Studies - selection of four Inner Peripheral FUAs

1. 4 case study areas:

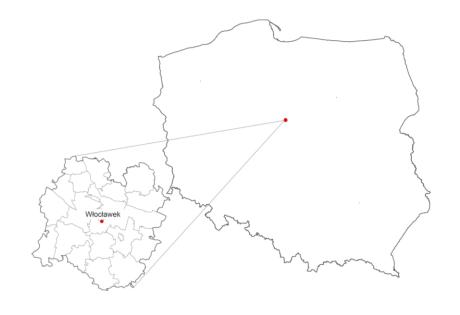
- 2 of 1st order inner peripheries,
- 2 of 2nd order inner peripheries.
- 2. Typical values of peripherality indicators:
 - 1st order inner peripheries lowest quartile,
 - 2nd order inner peripheries 2nd quartile.
- 3. From different regions of the country, representative for large areas of inner peripheries in Poland.
- 4. Diverse size of central city.



TIPERICO

FUA Włocławek – second order inner peripheries

- 1. One of the two largest cities constituting the capital of the FUA and classified as an inner periphery;
- 2. Dominant function: capital of the FUA, multifunctional city
- 3. Low value of taxpayers' income per inhabitant of working age, approx. PLN 53,680 (capital Warsaw PLN 104,537 ca USD 23,800 in 2020)
- 4. 9.22% of the working-age population make a living from economic activity (capital Warsaw 17.02% in 2020);
- 5. Very high unemployment rate of 7.6% (capital Warsaw 2.4% in 2020);
- 6. Natural population decline at -5.24‰ (capital Warsaw +0.45 ‰);

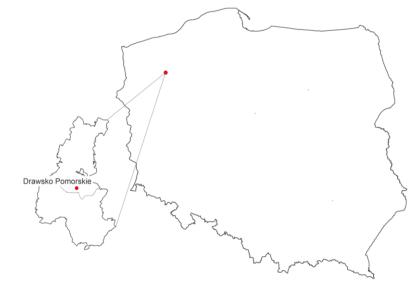






FUA Drawsko Pomorskie – second order inner peripheries

- 1. FUA capital located in Central Pomerania near a large military training ground and away from large urban centers;
- 2. Dominant function: tourism + host of military unit
- 3. Values of taxpayers' income per capita in the working age of approx. PLN 46,347 (capital Warsaw PLN 104,537 ca USD 23,800 in 2020);
- 4. 8.71% of the working-age population make a living from economic activity (capital Warsaw 17.02% in 2020);
- 5. Unemployment rate below country average of 4.5% (capital Warsaw 2.4% in 2020);
- 6. Natural population decline at -3.44‰ (capital Warsaw +0.45 ‰);





FUA Przasnysz – first order inner peripheries

- 1. The capital of FUA located in Northern Mazovia with 17,000 inhabitants;
- 2. Dominant function: administration (situated on the way towards Mazury popular tourist region)
- 3. One of the lowest values of taxpayers' income per capita in the working age of approx. PLN 57,370 (capital Warsaw PLN 104,537 ca USD 23,800 in 2020);
- 4. 9.71% of the working-age population make a living from economic activity (capital Warsaw 17.02% in 2020);
- 5. Very high unemployment rate of 6.6% (capital Warsaw 2.4% in 2020);
- 6. Natural population decline at -1.20% (capital Warsaw +0.45 %);







FUA Sandomierz – first order inner peripheries

- 1. The capital of FUA located in the Sandomierz Valley, an area visited mainly by one-day tourists;
- 2. Dominant function: tourist, administration
- 3. Values of taxpayers' income per capita in the working age of approx. PLN 55,964 (capital Warsaw PLN 104,537 ca USD 23,800 in 2020);
- 4. 9.65% of the working-age population make a living from economic activity (capital Warsaw 17.02% in 2020);
- 5. Very high unemployment rate of 6.1% (capital Warsaw 2.4% in 2020);
- 6. Natural population decline at -4.79% (capital Warsaw +0.45%).







Case Studies - methods

- **1. 8 Focus Group Interviews (FGI)** with entrepreneurs, local authorities, and non-governmental organization representatives.
- **2. 4 Individual In-Depth Interviews (IDI)** with mayors of urban centers.

The FGIs and IDIs covered main topics: accessibility, economy, the inhabitants and living conditions. The discussions aimed to identify and evaluate developmental changes within these areas, especially focusing on the period following the COVID-19 pandemic. Respondents were also queried about effective practices in addressing identified developmental challenges.

3. CATI/CAPI survey with residents, N=1570.

Survey questions covered topics of the economic situation, employment, housing, commuting and accessability, and the changes due to COVID-19 pandemic.





DEVELOPMENT TRAJECTORIES AND THE SPECIFICITY OF POLAND'S INNER PERIPHERIES

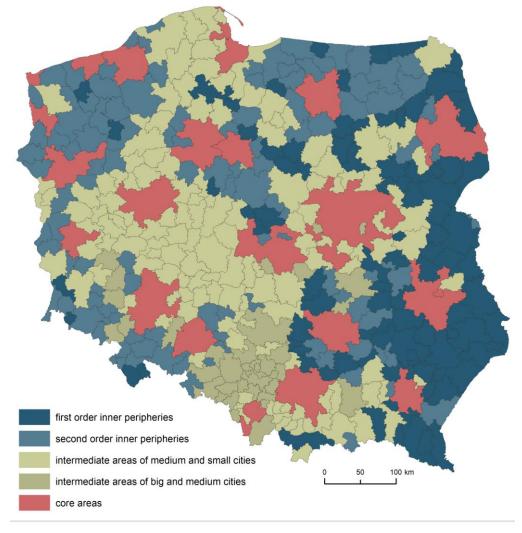






TIPERICO project results – where are inner peripheries of Poland?

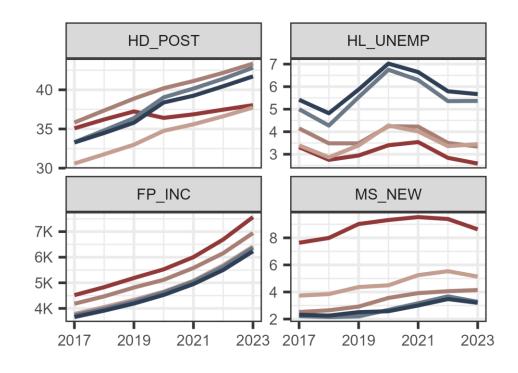
- Location of inner peripheries is shaped by distance to major cities, population density (north), natual conditions (mountains) and historical factors (east).
- Inner peripheries are often located along regional borders.
- Inner peripheral functional areas vary in sizes of both core cities and their surrounding areas.





TIPERICO project results – do peripheries diverge from the centres?

- Peripheral FUAs only continue to lag behind core and transitional regions in terms of human, socioinstitutional, and financial capital.
- The gap is widening in aspects: entrepreneurship, the labor market, local public finances, infrastructure, and demographic trends.
- Other indicators suggest a stabilization or narrowing of the gap between cores and peripheries, e.g. personal income, housing.







TIPERICO project results – how do development spread towards and within periphereies?

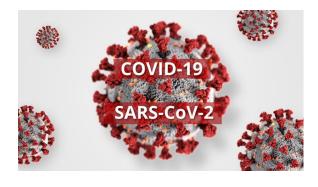
- Are shaped by personal flows, corporate cooperation and travels within FUAs and beyond them.
- Most travel within and out of the FUA is cardependent, partly due to insufficient public transportation infrastructure and services.
- Hopes that remote work might open new opportunities, halt emigration, or attract new residents ultimately were not realized.







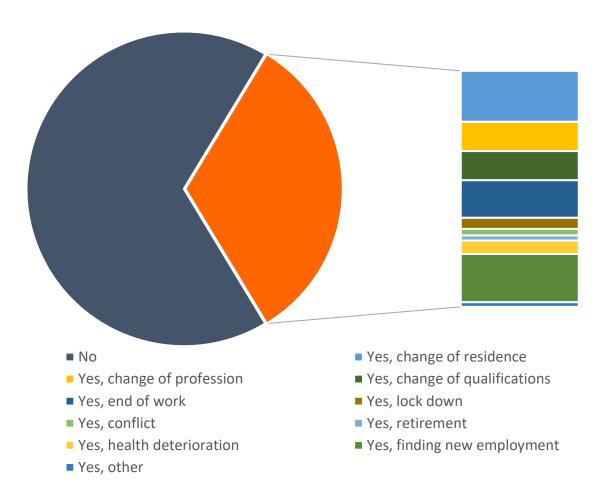
- Local economies dominated by micro- and small-sized enterprises,
 operating mainly in processing industries and in services requiring
 physical presence proved to be the least resilient to the pandemic
 shock.
- Adaptation to new conditions during the pandemic (e.g., transitioning to remote work or changing business profiles) was limited.
- Limited financial capital both in the private sector and the public sector impeded efforts to mitigate the effects of the crisis. In many peripheral municipalities, there were insufficient funds to actively support the local economy, further depressing demand and investment levels.



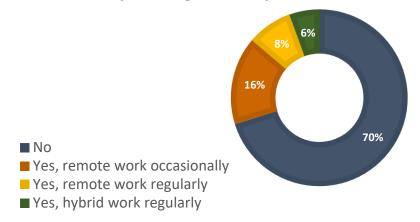




Have You change a place of employment since 2020?



Have you changed the way of work since 2020?

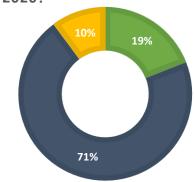




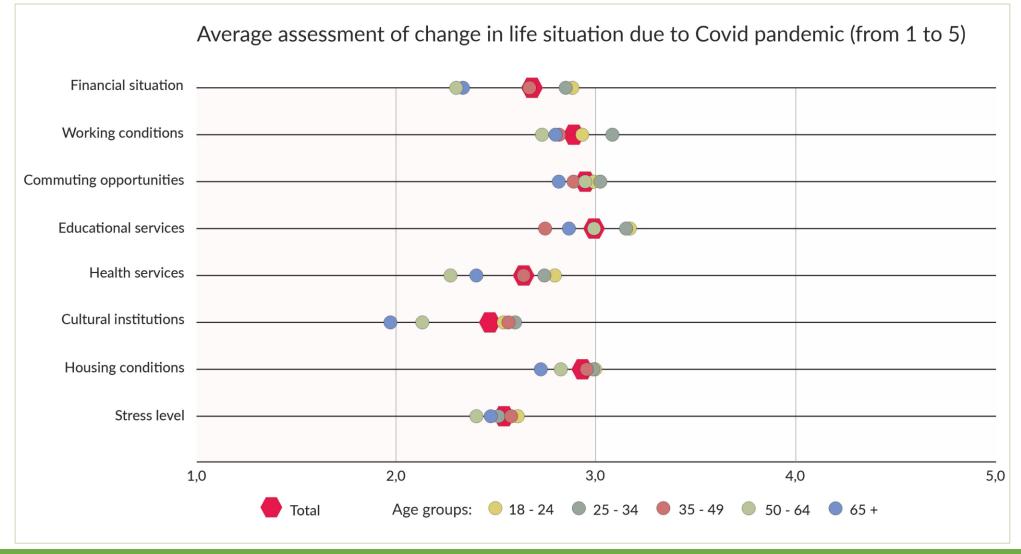
Yes

No

I don't know



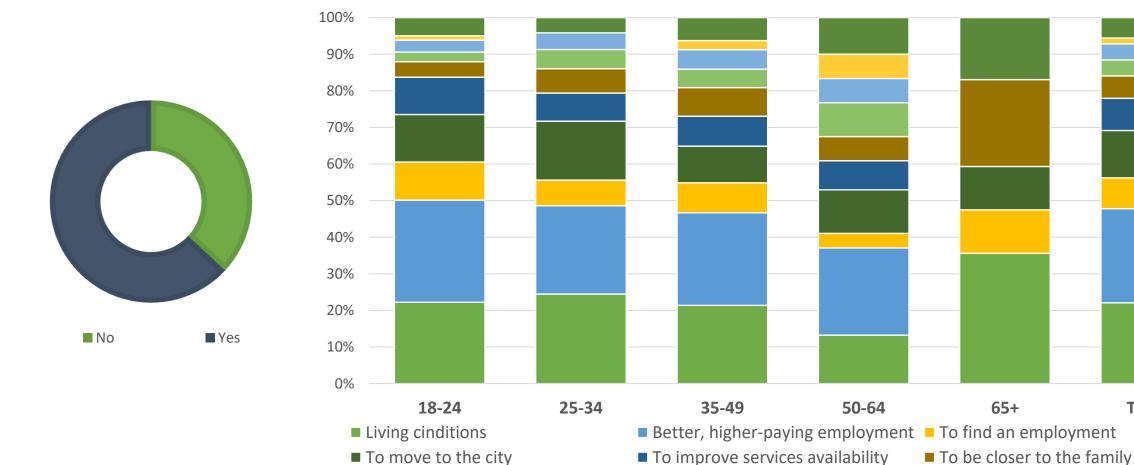






Reasons for willingness to change residence

■ To improve transport accessibility ■ Other





Total

■ To high costs of living

TIPERICO project results – what are the development barriers of in inner peripheries?

- Peripheral areas have long experienced an outflow of young and educated residents.
- Economic cooperation networks and business support institutions (e.g., clusters, chambers of commerce, local development agencies) are underdeveloped.
- **Poor coordination between labor supply** (schools, including vocational schools) **and demand**.
- Underdevelopmed transport infrastructure and public transport services, particularly within and between peripheral FUAs.







CONCLUSIONS AND RECOMMENDATIONS

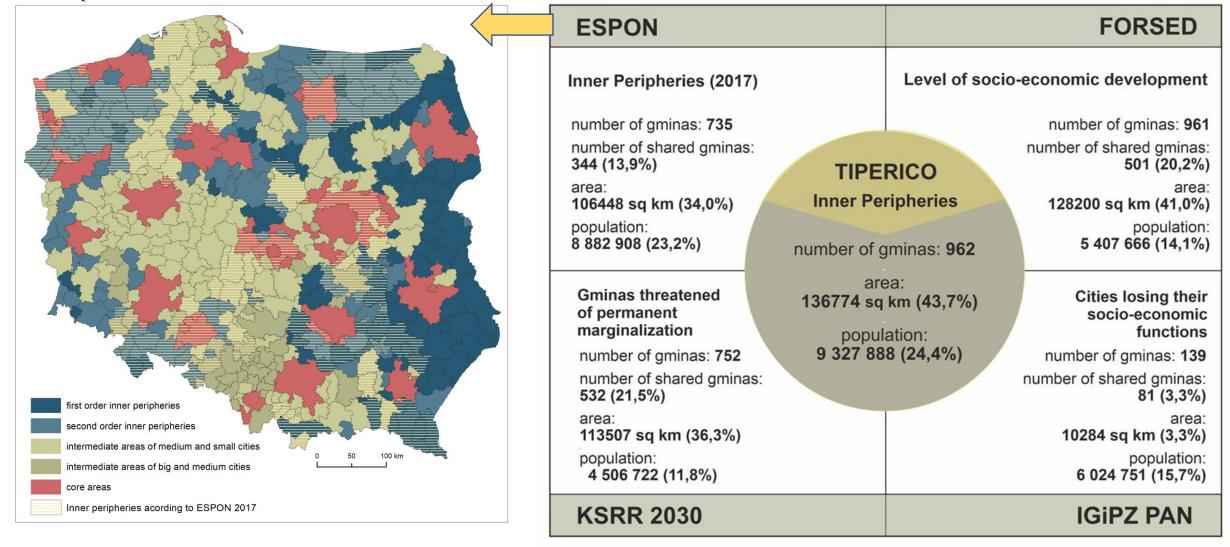






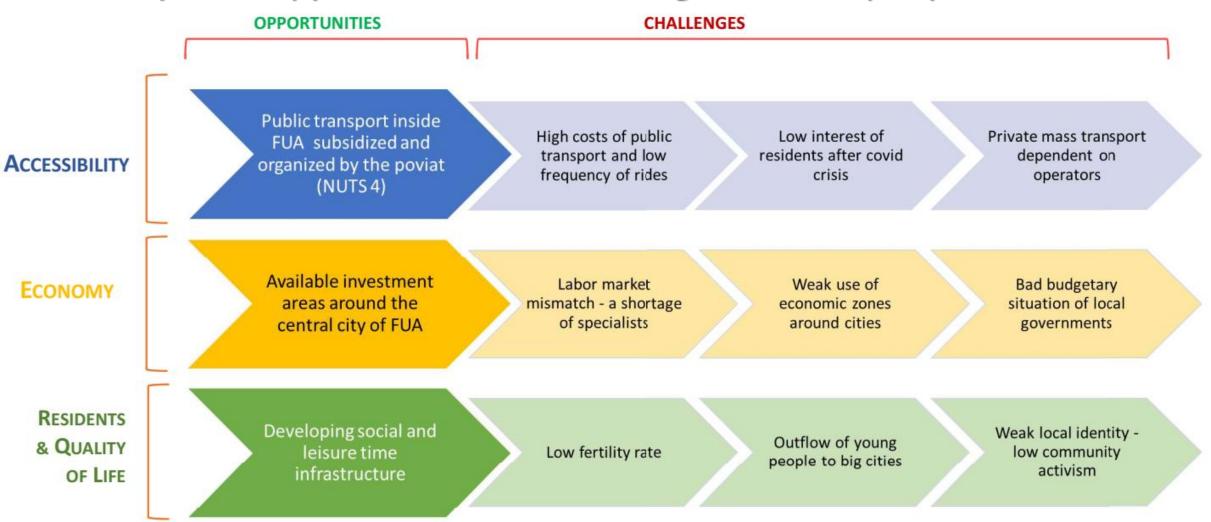
The inner peripheries and other results of the distribution of spatial

inequalities in Poland





Development opportunities and challenges of inner peripheries





How to slip out of the inner periphery?

- Prioritize the quality of social and institutional capital:
 - Lead to institutionalizing stakeholder (local government units, businesses, NGOs, and residents)
 cooperation in supra-local strategies in functional areas.
 - o Implement procedures to ensure the <u>transparency of the development process</u>, control and <u>promptly detect abuses in the care of the institution's reputation</u>.
- Promote continuous improvement of human capital to:
 - Improve the <u>living conditions and quality of life for residents</u>.
 - o Provide opportunities for professional retraining by offering tailored vocational courses.
- By focusing particularly on these two key development factors, material and financial capital, along with accessibility, will be effectively managed.



Mismatch between administrative divisions and the scope of functional relationships

380 powiatów

w tym:
314 powiatów ziemskich
66 miasta na prawach powiatu

37,4% MOFów

zgodnych z granicami powiatów w tym 24,8% powiatów ziemskich

97,0% miast na prawach powiatu

413 MOF

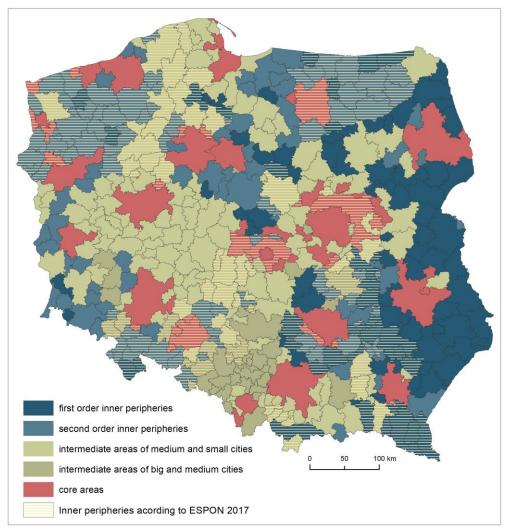
(Miejskich Obszarów Funkcjonalnych)

- od 2 do 92 gmina na 1 MOF
- 208 MOFów uznanych za Peryferie Wewnętrzne

It is necessary to give greater consideration to functional relationships in the administrative division of the country.

It is necessary to equip the county level with appropriate competencies and the ability to apply them.

The administrative reform is incomplete, and the structure of special administration does not correspond to the territorial scope of the counties.





Key Recommendations for Cohesion Policy after 2027

 A greater integration of the supra-local level, in particular the use of Functional Urban Areas (FUA) as key entities in the programming and implementation of cohesion policy.



Towards a more place-based Cohesion Policy

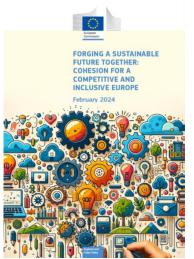
2. Enhanced incorporation of **territorial social justice** objectives into the programming and implementation of EU Cohesion Policy interventions, achieved through a full use of **integrated development planning** and the application of an operational definition of the **spatial social minimum**.

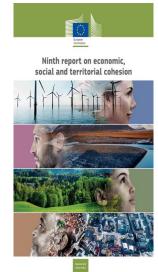


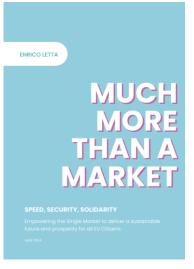


General recommendations for Cohesion Policy after 2027

- 1. Enhancing the **resilience of peripheral areas** through comprehensive investments in transport and digital infrastructure.
- 2. Supporting economic diversification to reduce dependency on a single sector.
- 3. Prioritizing **investments in human capital**, especially in education and vocational training.
- 4. Improving access to **high-quality public services** in peripheral areas.
- 5. Strengthening **institutional capacity** at the local level in managing projects and cohesion policy funds.
- 6. Promoting interregional and transnational cooperation.
- 7. Placing greater emphasis on **green transition** in peripheral areas.









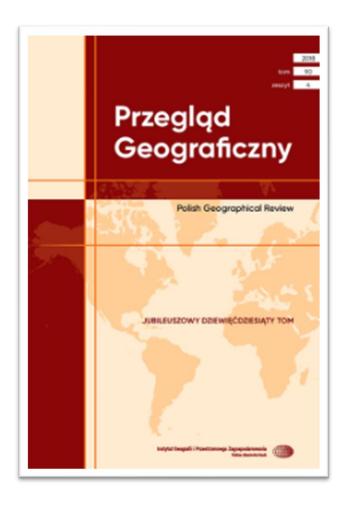


DISSEMINATION OF THE RESULTS OF THE TIPERICO PROJECT









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Instytut Geografi i Przestrzennego Zagospodorowania Polito Assoria Huk

https://www.igipz.pen.pl/przeglad-geograficzny.html

Nowa delimitacja miejskich obszarów funkcjonalnych w Polsce i jej zastosowanie w praktyce zintegrowanego podejścia terytorialnego (place based approach)

A new delimitation of Functional Urban Areas in Poland and its application in the practice of the place-based approach

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- *Instytut Geografii i Przestrzennego Zagospodarowania im. S. Leszczyckiego PAN, Warszawa paweł.churzki@mu.edu.pl - czesław@umk.pl - bszyda@umk.pl - a_dubownik@umk.pl macie, jożętykowski@w.poznan.pl - poleszyn@wswid.pan.pl

Zarys treśd. Współcześnie obserwowany jest nenezna sainteresowania regionem miejskim, w tym miejskim obszamam funkcjonalnymi (MORT), co wynia se zmiany dominującego pisnowania roswoju regionalnego odejścia administracjącego jestorowago na funkcjonalne. W pracy zaprezentowany sosta przeględ pojęć obcejścia administracjącego jestorowago na funkcjonalne. W pracy zaprezentowany sosta przeględ pojęć obcejścia okacy obcejścia okacy delimitacją obszawó powiązanych miestem w interesowania postawie przed powiacy powiecznego obcejścia okacy obcejścia okacy delimitacją obcejścia okacy nacjestwo opracy oraz wymiany migracjącej (zameldowań i wymietowań udności), z sastosowaniem odostkowego interium miestymianje odejędości czasowej. Betki przygotowanego wydzielenia pokacy, je codzielenia pokacy, je codzielenia okacy obcejścia jest zostawie obcejścia jest pokacy obcejścia pokacy okacy okacy obcejścia jest pokacy obcejścia pokacy okacy ok

Stowa kluczowe: region miejski, miejskie obszary funkcjonalne (MOF), region węstowy, delimitacja, powiązania funkcjonalne, nistegrowane podejście zorientowane tarytorialne.
Keywords: urban region, functional urban areas (FUA), nadal region, delimitation, functional inkages, place

Wstęp

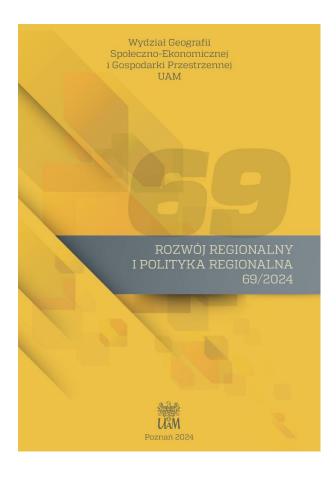
Nowe spojrzenie na politykę rozwoju i jej terytorialny wymiar wymusza zmianę dotychczasowego paradygmatu. Dominującym stać się powinno podejście funkcjonalne do zintegrowanego rozwoju terytorialnego, wobec podejścia administracyjnego, które obecnie uznawane jest za ułomne i ograniczające skuteczność działań prorozwojowych (por. Ładysz, 2021). Taka zmiana orientacji zakłada wykorzystanie obszarów funkcjonalnych, w przypadku których oddziaływanie miasta wykracza poza jego granice fizyczne, Churski P., Adamiak C., Dubownik A., Pietrzykowski M., Szyda B., Śleszyński P. 2023.

Nowa delimitacja miejskich obszarów funkcjonalnych w Polsce: zastosowanie w praktyce zintegrowanego podejścia terytorialnego (place based approach).

Przegląd Geograficzny, 95, 1: 29-55. https://doi.org/10.7163/PrzG.2023.1.2







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Wewnętrzne peryferie w świetle wybranych typologii obszarów wiejskich

Zarys treści: Cełem opracowania jest określenie możliwości wykorzystania zróźnicowanych typologii obszarów wiejskich do wyjaśnienia procesów rozwojowych, a właszej kolejności do ksztaltowania polityki rozwojowej na obszarach wewnętrznych peryferii. W artykule zaprezentowano rozmieszczenie przestrzenne wewnętrznych peryferii. Polsce oraz przeprowadzono analizę porównawczą uzyskanego rozkładu z wynikanii
wybranych podziałów obszarów wiejskich. Interpretacja otrzymanych wyników pozwala wnioskować, że zasadne jest odgócie od kategoryzowania tych obszarów według ich
poziomu wiejskości lub miejskości na rzecz pomiaru lokalnego kapitalu terytorialnego
w myśl koncepcji rozwoju wielodunkcyjnego. Koncepcja wielodinkcyjnego rozwoju obszarów wiejskich ma natomiast duże znaczenie w wyjsśnianiu procesów rozwojowych
i programowaniu interwencji rozwojowej na obszarze wewnętrznych peryferii.

Słowa kluczowe: wewnętrzne peryferie, miejskie obszary funkcjonalne, obszary wiejskie, kapitał terytorialny, place based policy

Wstęp

Obszary wiejskie w Polsce ulegają wielopłaszczyznowym przemianom. Zmiany te jednak wykazują silne zróżnicowanie przestrzenne, z pewnością także są one uwarunkowane różnymi czynnikami. Tempo rozwoju obszarów wiejskich w dużym



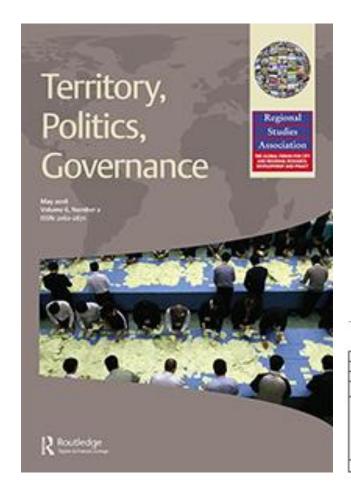
Churski P., Adamiak C., Dubownik A., Pietrzykowski M., Szyda B., Śleszyński P., 2024.

Wewnętrzne peryferia w świetle wybranych typologii obszarów wiejskich.

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Places that matter and places that don't: Territorial revenge and counter-revenge in Poland.



Places that matter and places that don't: Territorial revenge and counter-revenge in Poland

Journal:	Territory, Politics, Governmence
Manuscript ID	Draft
Manuscript Type:	Research Article
Classifications:	political geography, electoral geography, regional development, core- periphery pattern, right-wing populism, Europe, Poland
Abstruct:	Poland presents a compating case study in the rise of right-vising populars. In 2012, ther legity vess at the helen, the surf-letter and fluoroscopic RIS party leat the periamentary elections. This paper sopients the populary of the polarical shift, analysing election results from 2011 to 2013 against the backdrap of regional socio-excendis from 2011 to 2013 against the backdrap of regional socio-excendis marked by multiclimensished peripherality, while its recent loss is primarily artificiated to the policial mobilisation of prospersus core areas highlighting the challenges of the control geographic political polarisation.

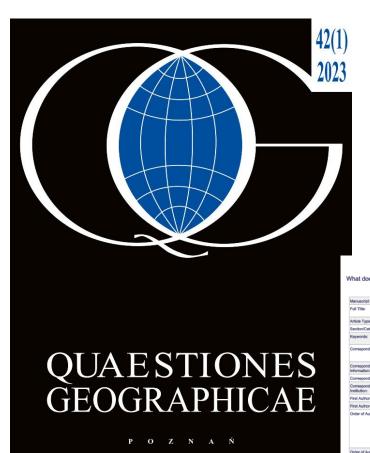
Territory, Politics, Governance.

https://doi.org/10.1080/21622671.2024.2431702

SCHOLARONE'







Churski P., Adamiak C., Dubownik A., Pietrzykowski M., Szyda B., 2024.

What doesn't work in European cohesion policy? Development challenges of the inner periphery after the SARS-CoV-2 pandemic.

Quaestiones Geographiceae work in European Cohesion Policy? Development challenges of the inner periphery after the SARS-CoV-2 pandemic --Manuscript braft-

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Churski P., Adamiak C., Dubownik A., Komornicki T., Pietrzykowski M., Szyda B., Śleszyński P.

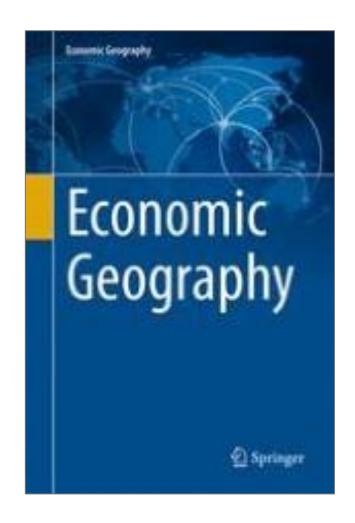
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