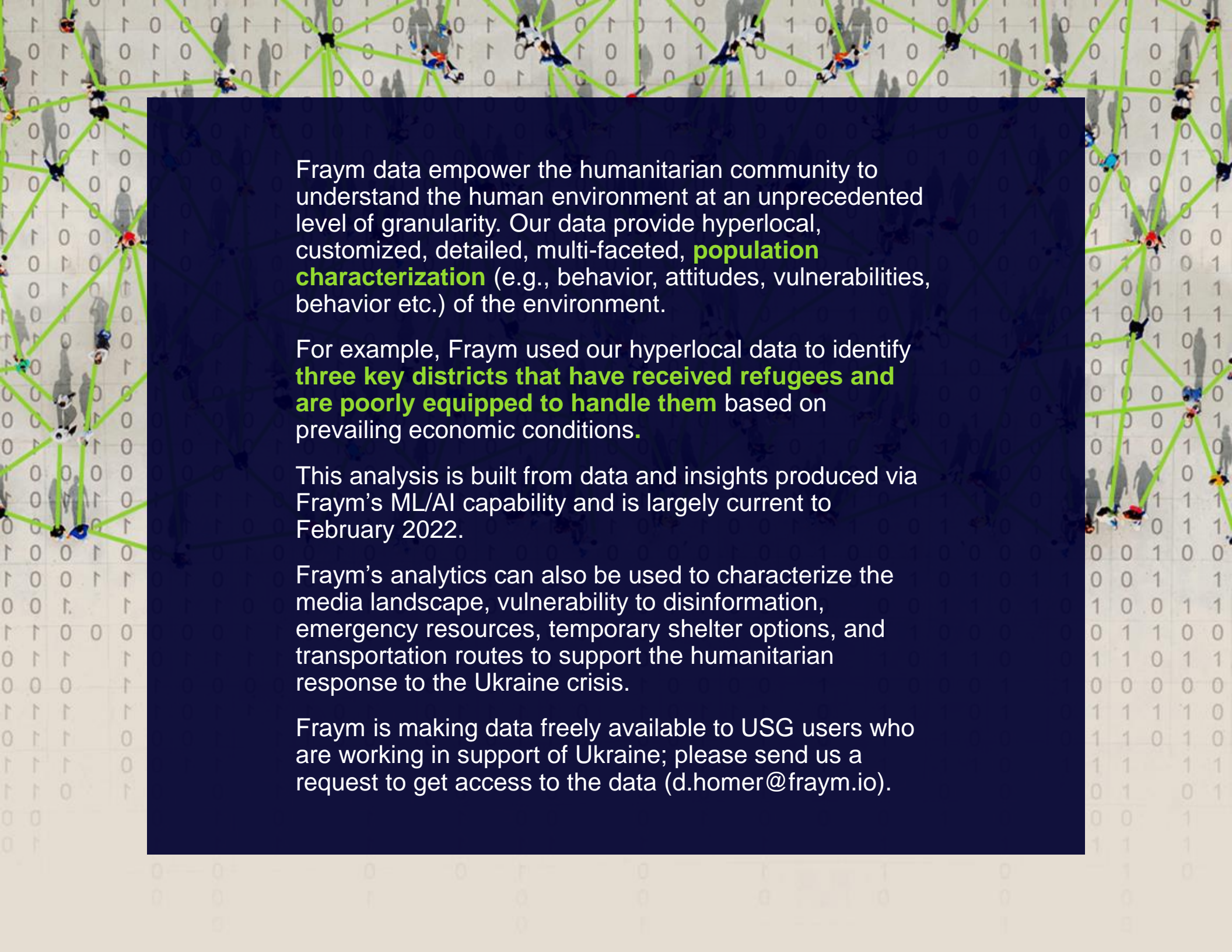# Localizing Ukrainian Aid

Identifying Ukrainian districts ill-equipped to handle the influx of internal refugees

—

March 2022

Fraym data empower the humanitarian community to understand the human environment at an unprecedented level of granularity. Our data provide hyperlocal, customized, detailed, multi-faceted, **population characterization** (e.g., behavior, attitudes, vulnerabilities, behavior etc.) of the environment.

For example, Fraym used our hyperlocal data to identify **three key districts that have received refugees and are poorly equipped to handle them** based on prevailing economic conditions.
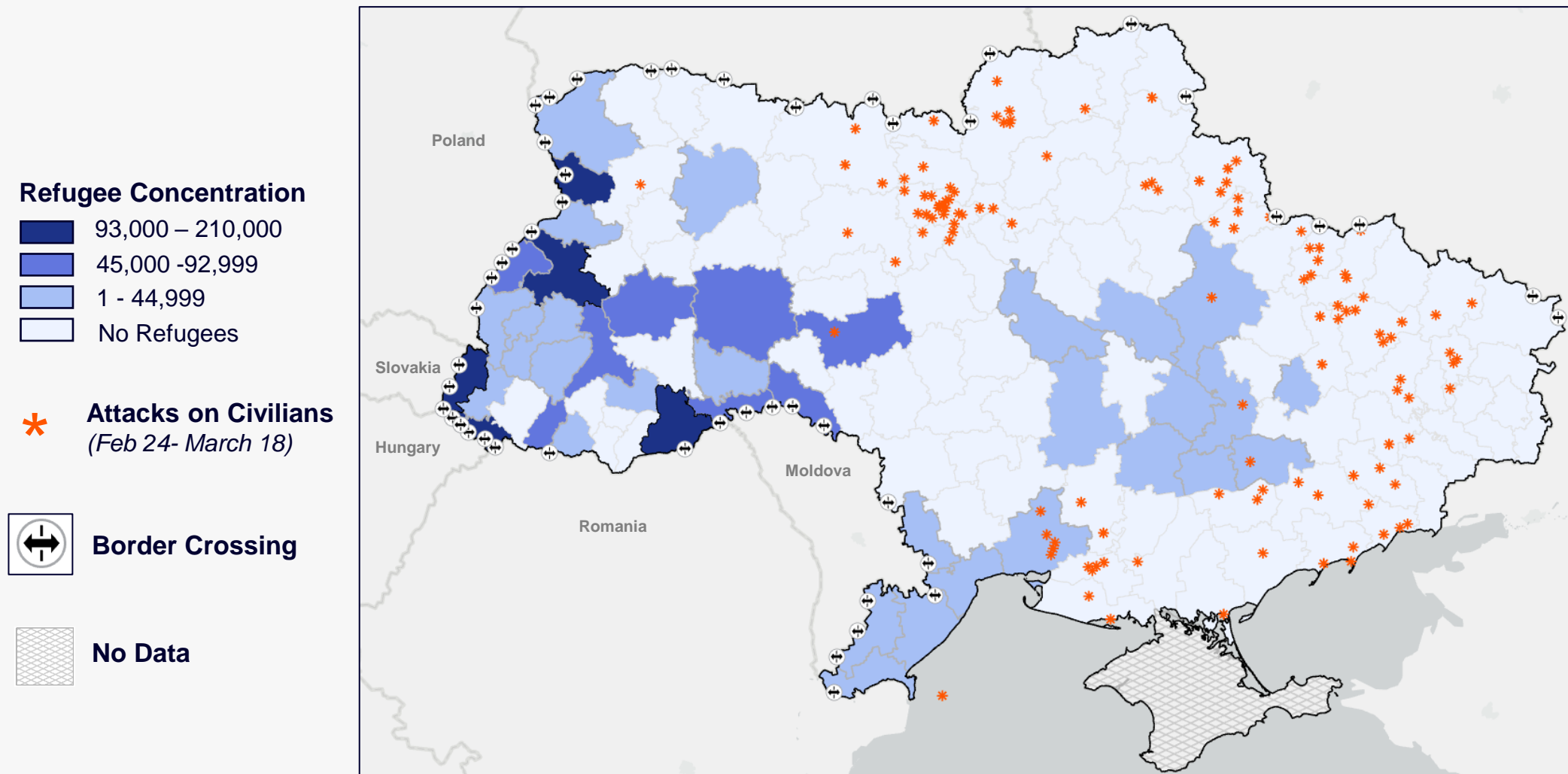
This analysis is built from data and insights produced via Fraym's ML/AI capability and is largely current to February 2022.

Fraym's analytics can also be used to characterize the media landscape, vulnerability to disinformation, emergency resources, temporary shelter options, and transportation routes to support the humanitarian response to the Ukraine crisis.

Fraym is making data freely available to USG users who are working in support of Ukraine; please send us a request to get access to the data (d.homer@fraym.io).

Internal Displacement
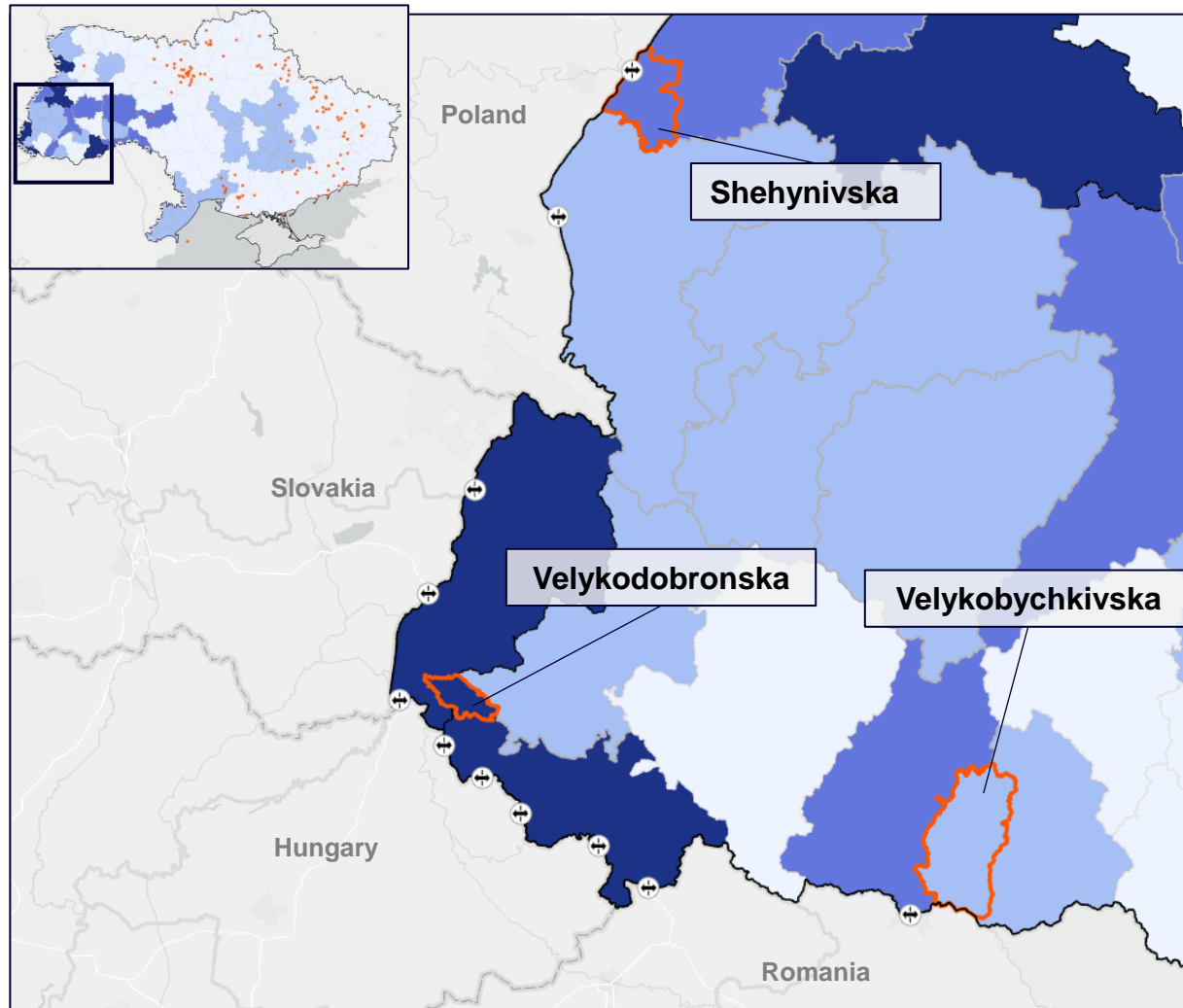
Ukrainians fleeing violence are concentrating along Ukraine's Western borders with Poland, Slovakia, Hungary, Romania, and Moldova.

Refugee Concentration

- 93,000 – 210,000
- 45,000 - 92,999
- 1 - 44,999
- No Refugees

Attacks on Civilians
(Feb 24- March 18)

Border Crossing

No Data

Poland

Slovakia

Hungary

Romania

Moldova

Vulnerable Host Communities

Fraym identified three especially vulnerable host communities in terms of existing levels of **poverty**, **unemployment**, **economic optimism, and dissatisfaction with public food security efforts.**[1]

District	Refugees	Poverty	Unemployment	Economic Optimism	Dissatisfied w/ Food Security Efforts
Velykodobronska	11,000	28%	15%	22%	49%
Shehynivska	12,000	11%	15%	21%	52%
Velykobychkivska	21,000	23%	17%	20%	46%

Note 1: Adults are considered poor if their income hardly covers the cost of food, unemployed if they report their employment as "not working/looking for work", economically optimistic if they rate their household's current economic situation as "good" or "very good" and dissatisfied with food security efforts if they say the government is handling "badly" or "very badly" the issue of ensuring everyone has enough to eat.
Source: Fraym, UNHCR. Poverty data were collected in December 2020 while data on unemployment, economic optimism, and dissatisfaction with food security were collected in February 2022.
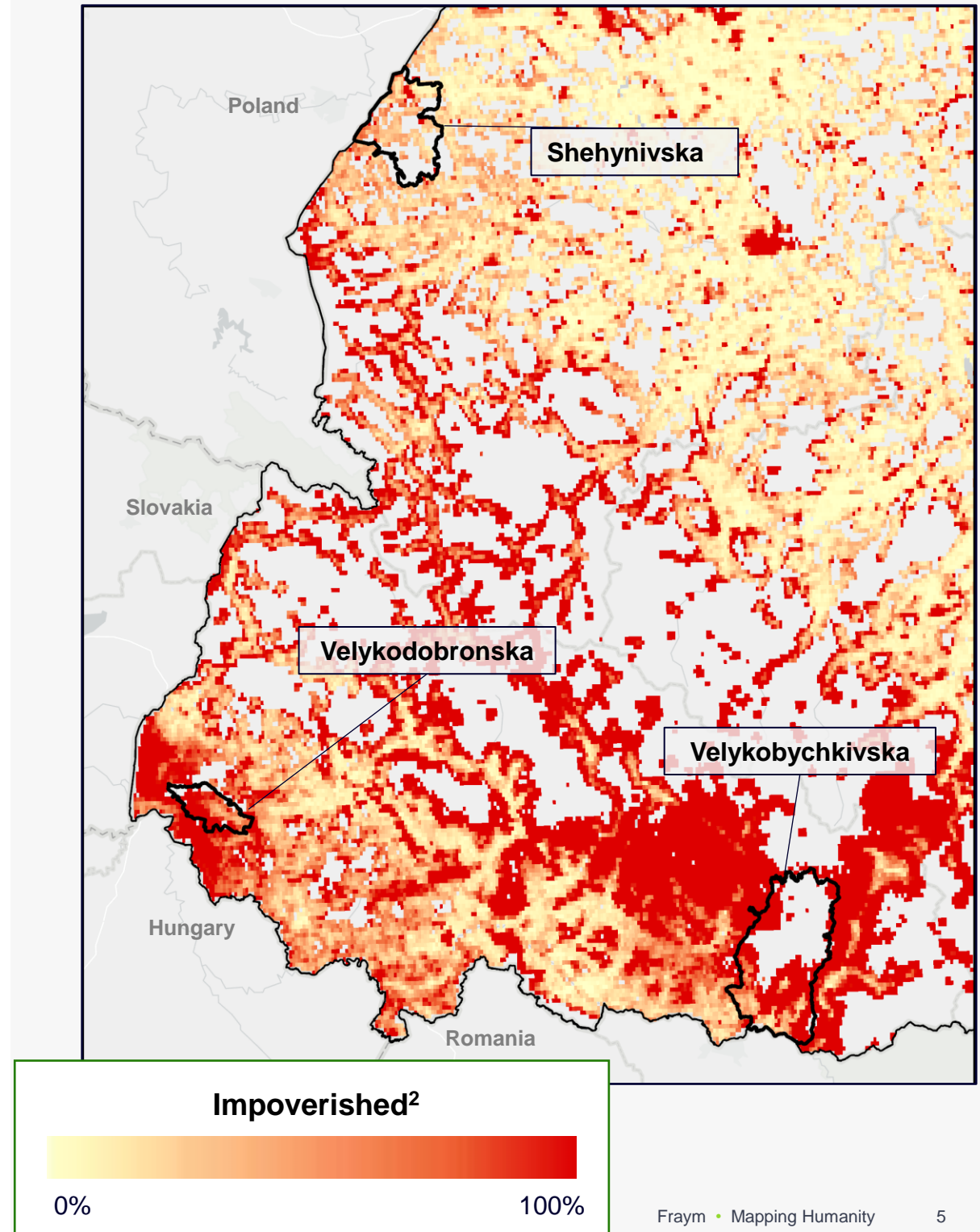
Poverty

In the three vulnerable districts Fraym identified, large concentrations of adults live in poverty, [1] as defined by characterizing their income as hardly sufficient to cover the cost of food.

District	Poverty
Velykodobronska	28%
Velykobychkivska	23%
Shehynivska	11%

Note 1: Adults are considered poor if their income hardly covers the cost of food.
Note 2: Areas with zero population per km. sq. are not shown throughout this presentation.
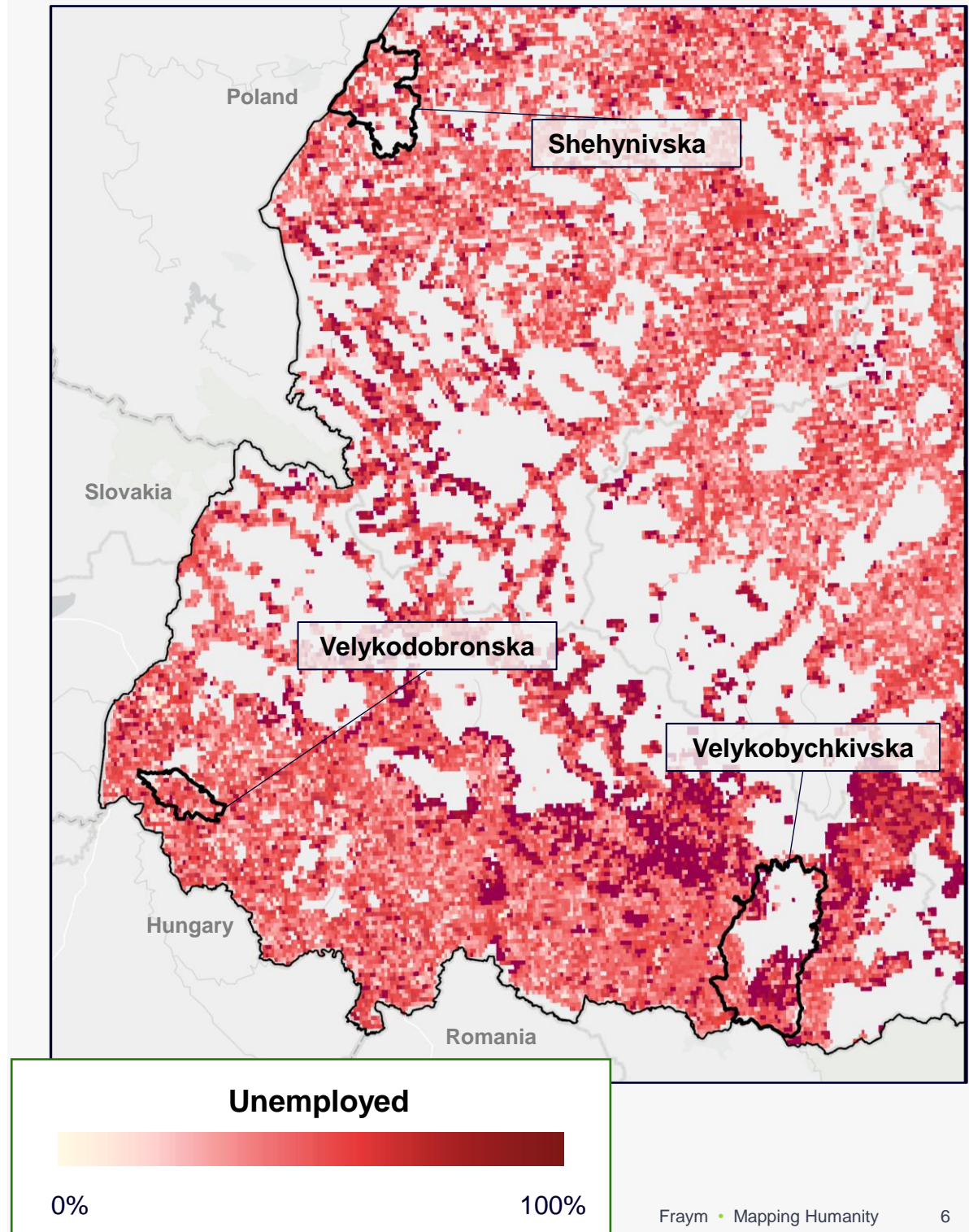Source: Fraym December 2020.

Impoverished[2]

0%   100%

Unemployment

Unemployment[1] in all three districts high, with **Velykobychkivska** containing pockets of very high unemployment (above 50 percent).

District	Unemployment
Velykodobronska	15%
Velykobychkivska	17%
Shehynivska	15%

Note 1: Adults are considered poor if their income hardly covers the cost of food, unemployed if they report their employment as "not working/looking for work".
Source: Fraym February 2022.
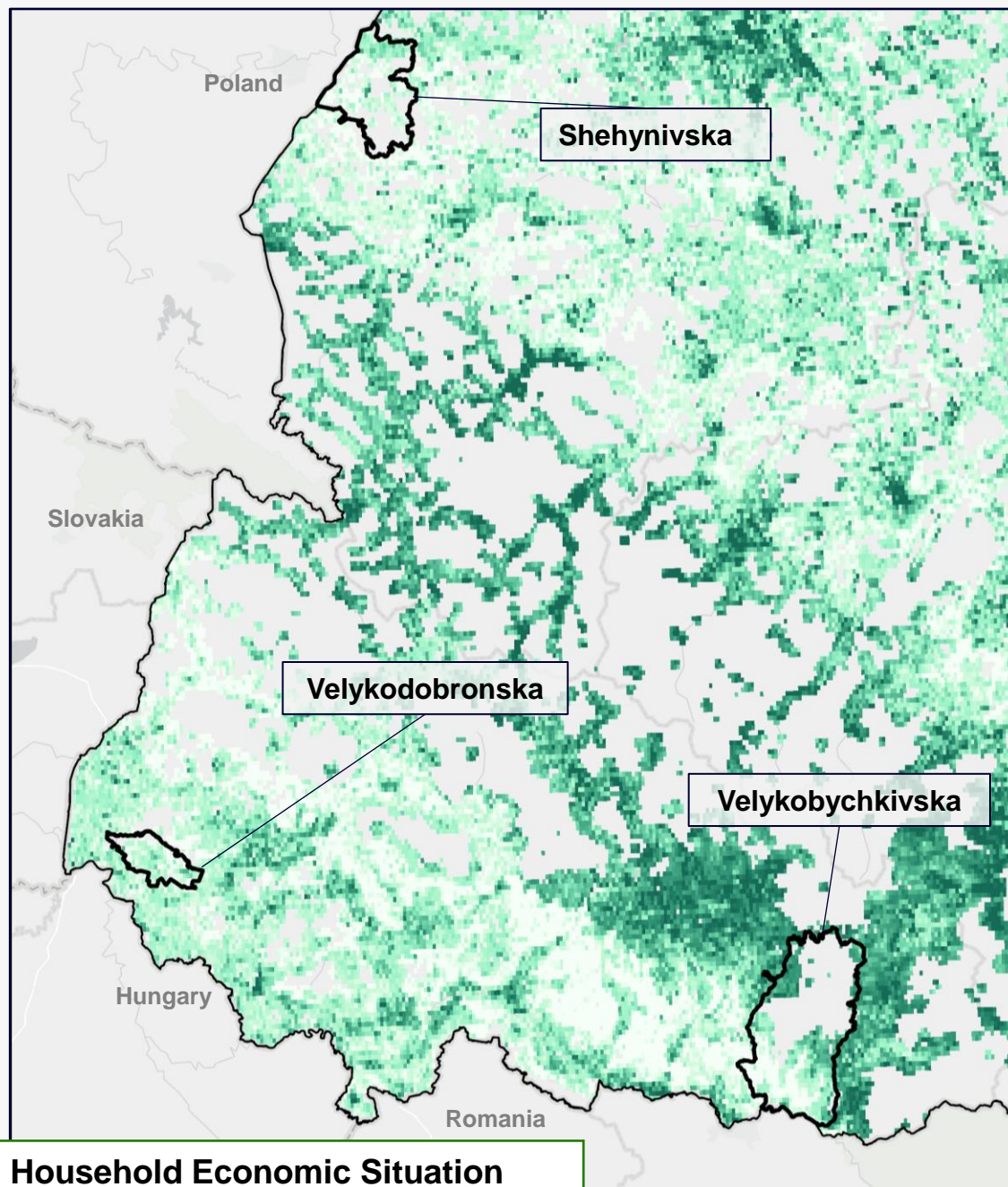

Unemployed

0%   100%

Economic Outlook

Only one in five of those in each district believe their household's economic situation is "good" or "very good."[1]

District	Economic Optimism
Velykodobronska	22%
Velykobychkivska	20%
Shehynivska	21%

Note 1: Adults are considered economically optimistic if they rate their household's current economic situation as "good" or "very good".

Source: Fraym February 2022.

Household Economic Situation Good or Very Good
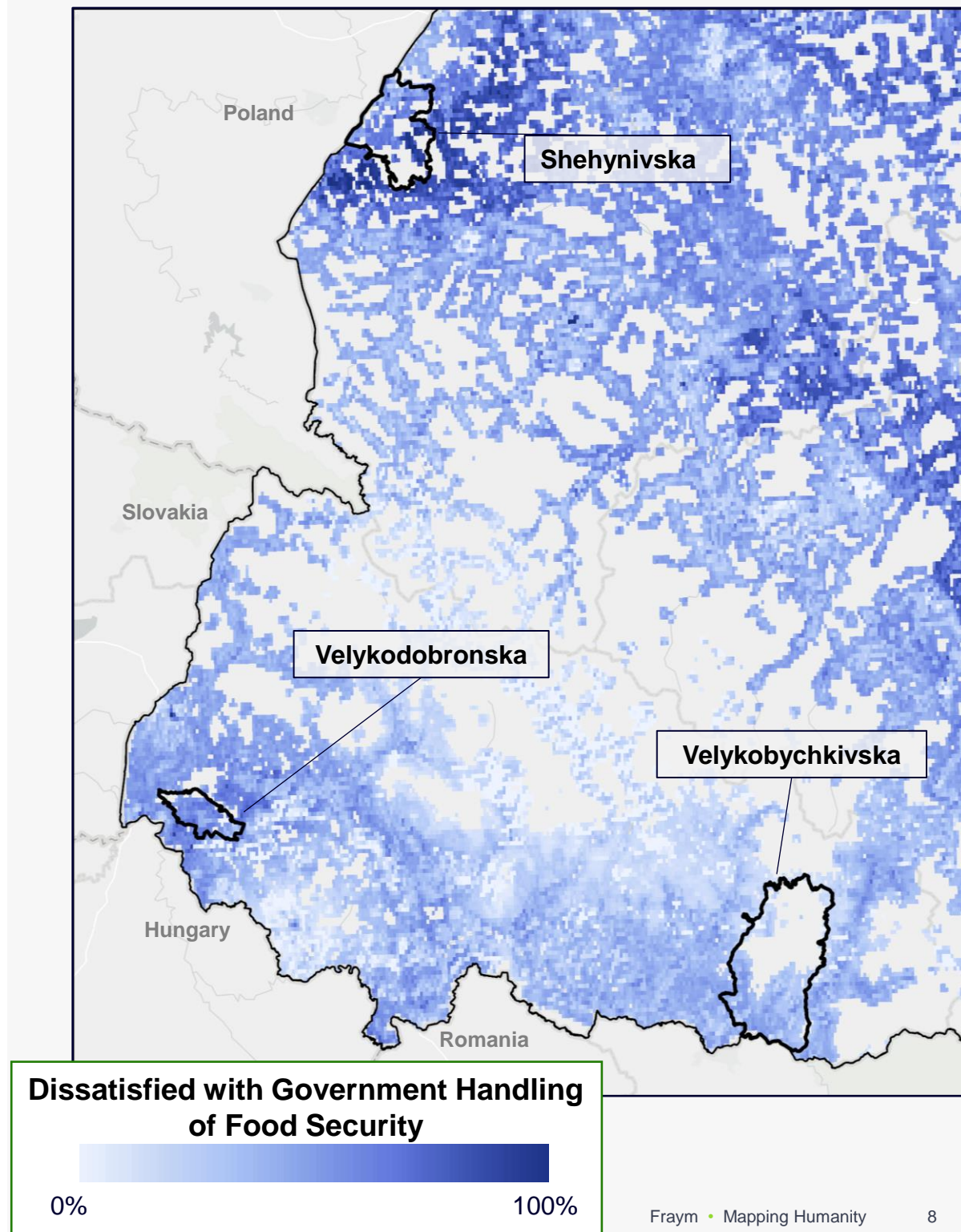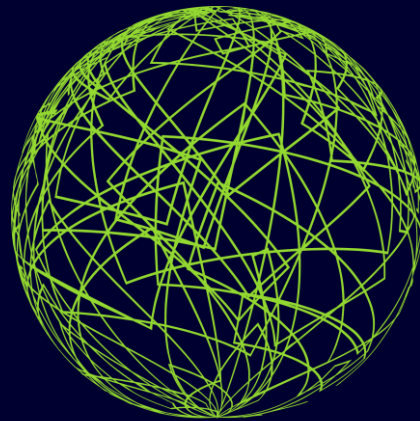
0%   100%

Food Security

Around half of those in each district believe that the government is failing to properly address food insecurity.[1]

District	Dissatisfied w/ Food Security Efforts
Velykodobronska	49%
Velykobychkivska	46%
Shehynivska	52%

Note 1: Adults are considered dissatisfied with food security efforts if they say the government is handling "badly" or "very badly" the issue of ensuring everyone has enough to eat.
Source: Fraym February 2022.

Dissatisfied with Government Handling of Food Security

0% 100%

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Fraym is working to make Ukraine data available freely to any United States Government (USG) user who has a mission need. To receive Fraym's data on economic hardship in Ukraine, please send a request to Dustin Homer (d.homer@fraym.io).