



**KEY FINDINGS FROM THE WESTERN BALKAN E-COMMERCE REPORT, 2024**

# **E-COMMERCE IN THE WESTERN BALKANS**

**Dr. Nina Angelovska Stankov**  
**President of the Macedonian E-commerce Association and the Balkan Ecommerce Alliance**





**WESTERN  
BALKANS MARKET  
SIZE & E-COMMERCE  
POTENTIAL**



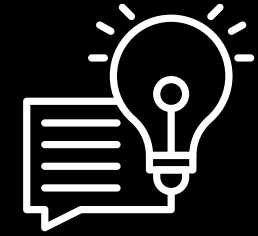
**WESTERN  
BALKANS DIGITAL  
& E-COMMERCE  
READINESS**



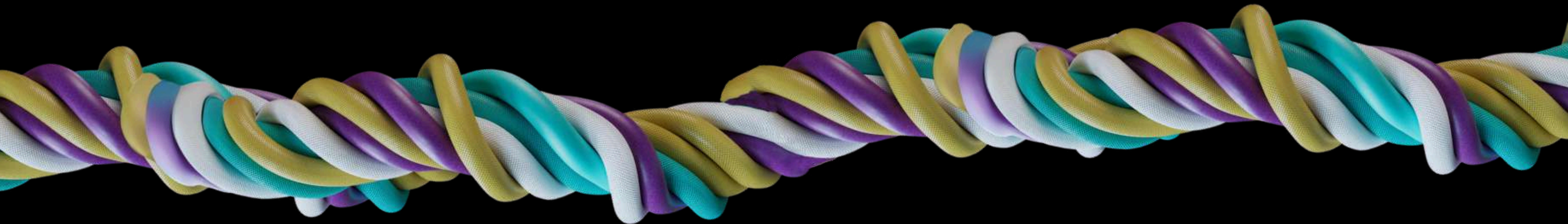
**WESTERN  
BALKANS  
STATE OF  
E-COMMERCE**



**E-RETAILERS'  
EXPERIENCES &  
CHALLENGES:  
SURVEY FINDINGS**



**ACTION AREAS  
& OUR WORK FOR  
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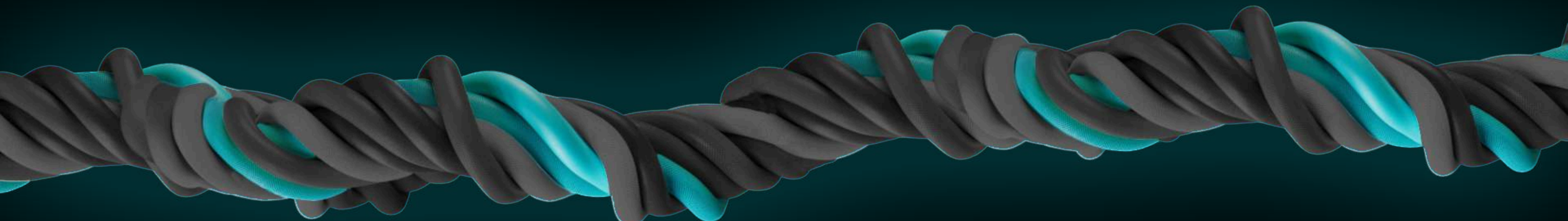
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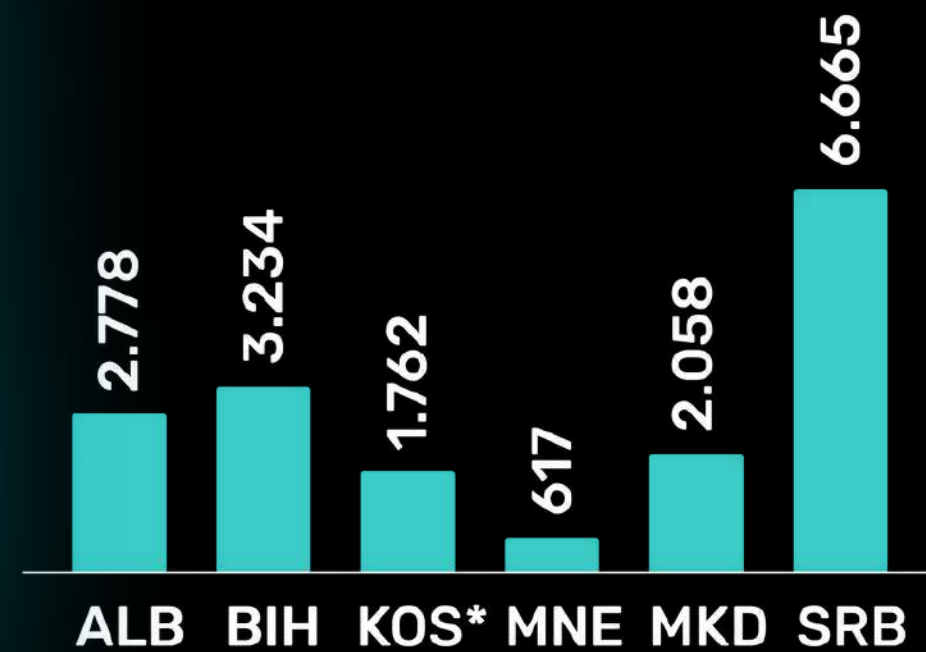
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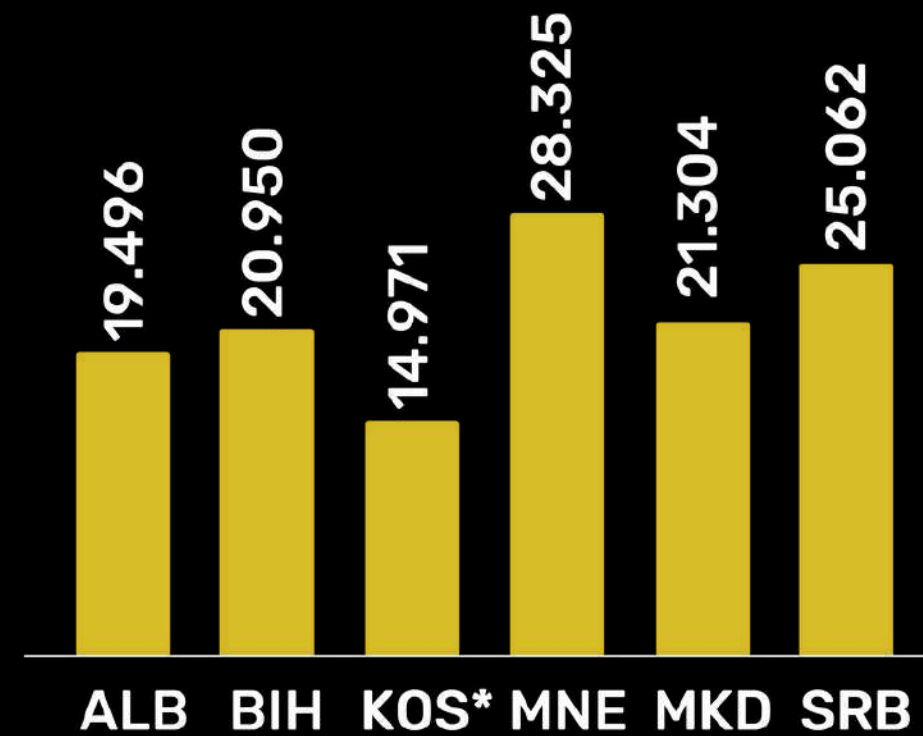
# WB MARKET SIZE: SMALL FRAGMENTED MARKETS WITH LIMITED ECONOMIC CAPACITY. COLLECTIVELY A REGION WITH SIGNIFICANT ECONOMIC POTENTIAL

POPULATION 17.1M - TOTAL GDP \$376.6B

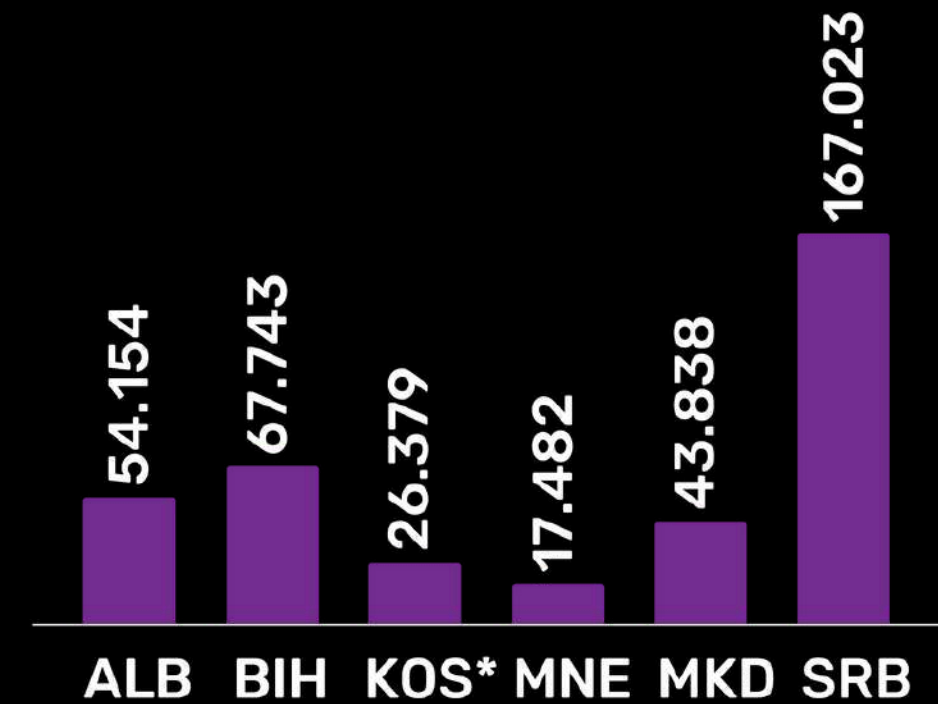
Western Balkan  
Population (1000)



GDP per capita  
in Western Balkans (in \$)



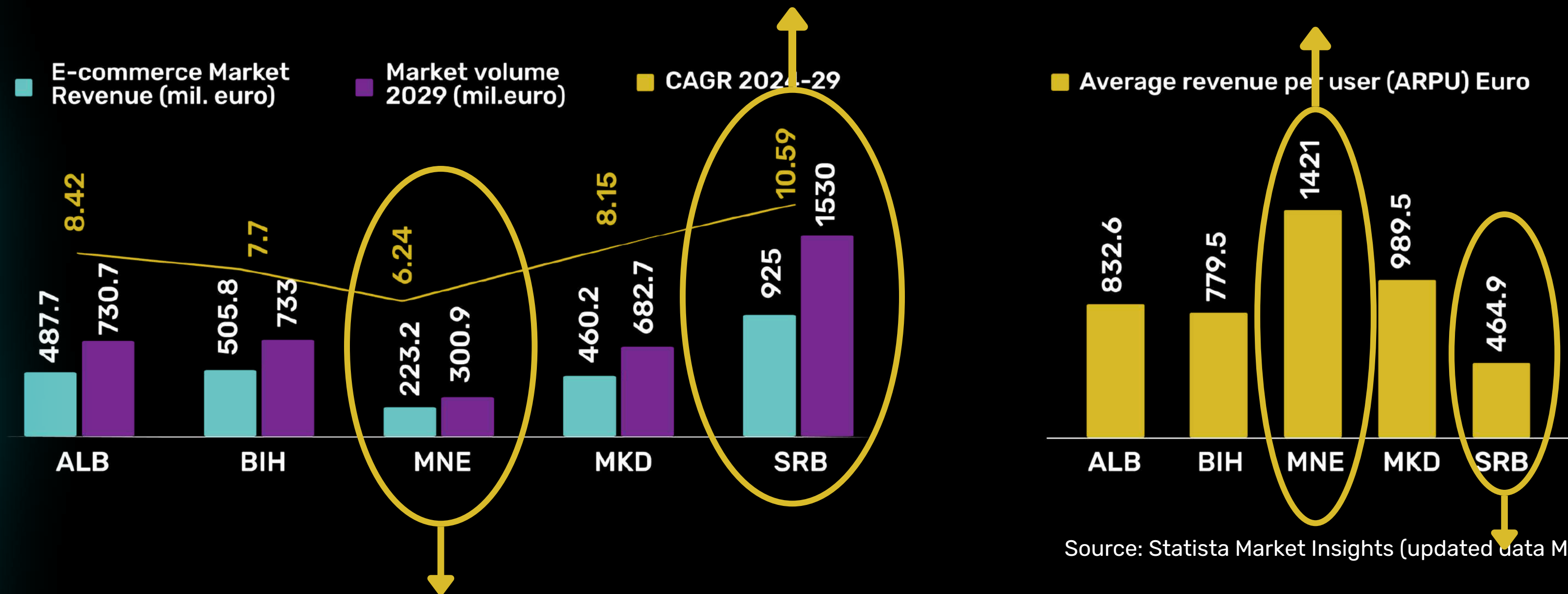
GDP in  
Western Balkans (in \$)



Source: Source: World Bank 2022

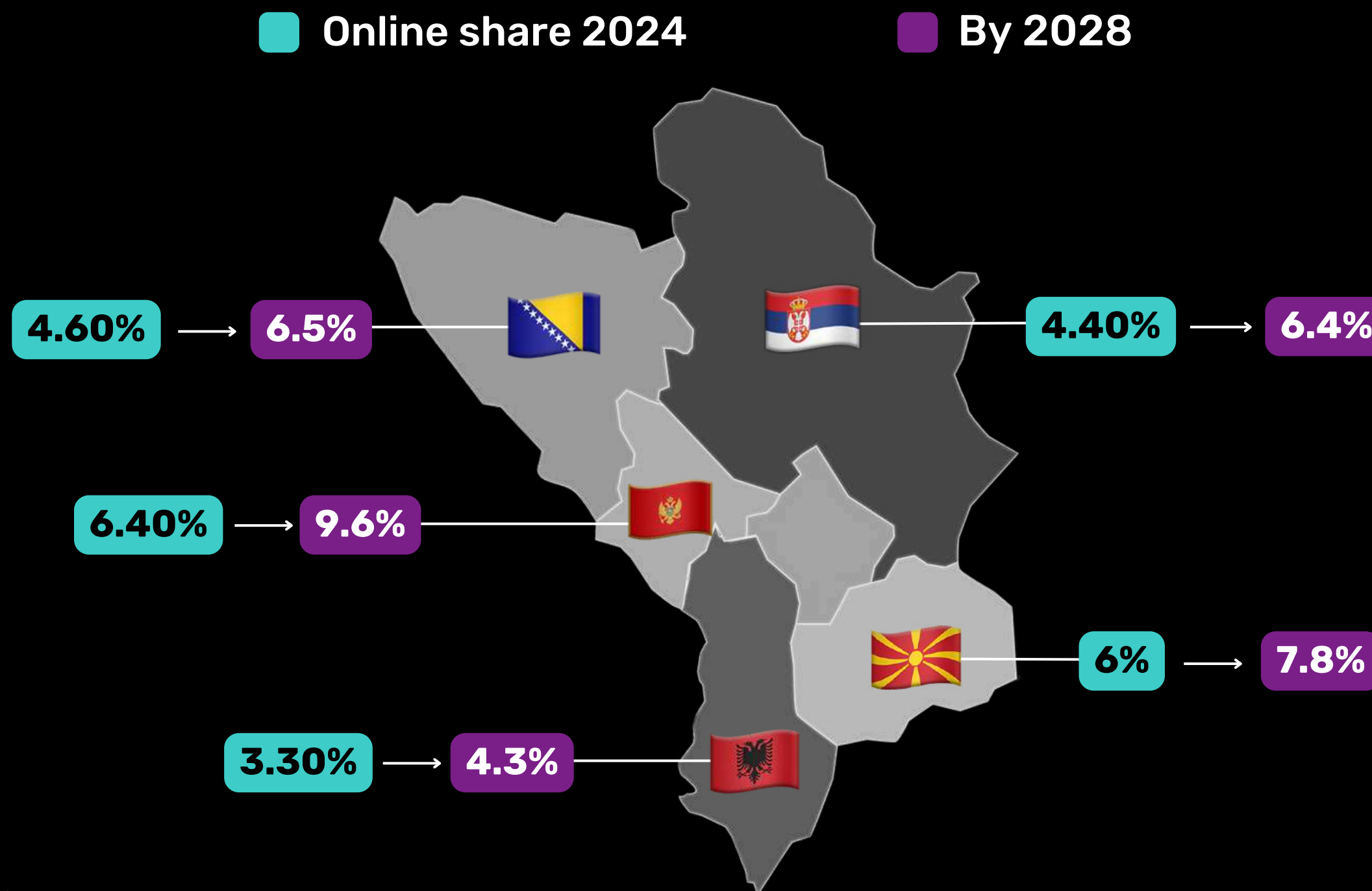
# E-COMMERCE MARKET POTENTIAL: WB STILL FAR FROM THE EUROPEAN MARKETS. SERBIA HOLDS THE GREATEST POTENTIAL.

Projected e-commerce market revenue €2,6B for 2024. Market volume expected to reach €3,98B by 2029.



Source: Statista Market Insights (updated data May 2024)

# E-COMMERCE MARKET POTENTIAL: ONLINE MARKET SHARE IN TOTAL RETAIL FROM 3.3% IN ALBANIA TO 6.4% IN MONTENEGRO



Source: ECDB analysis (2024)



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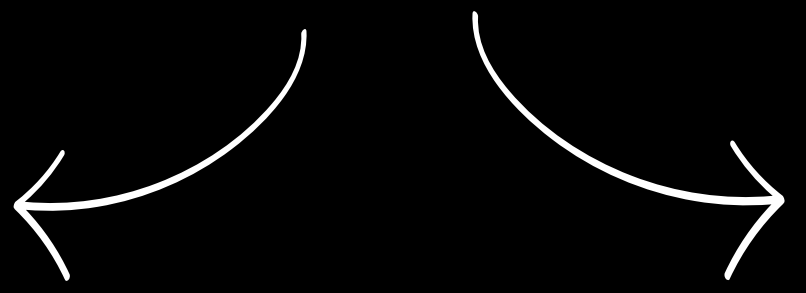
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**DIGITAL READINESS**

**E-COMMERCE READINESS**



**THE DIGITAL ECONOMY SOCIETY INDEX (DESI)**

**DIGITAL SKILLS**

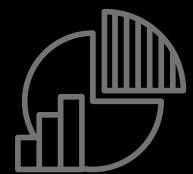
**THE NETWORK READINESS (NRI)**

**INTERNET USE: INDIVIDUALS & ENTERPRISES**

**PAYMENT**

**DELIVERY & LOGISTICS**

**LEGAL FRAMEWORK**



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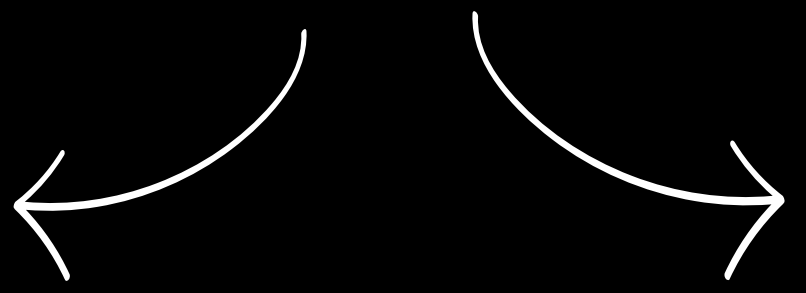
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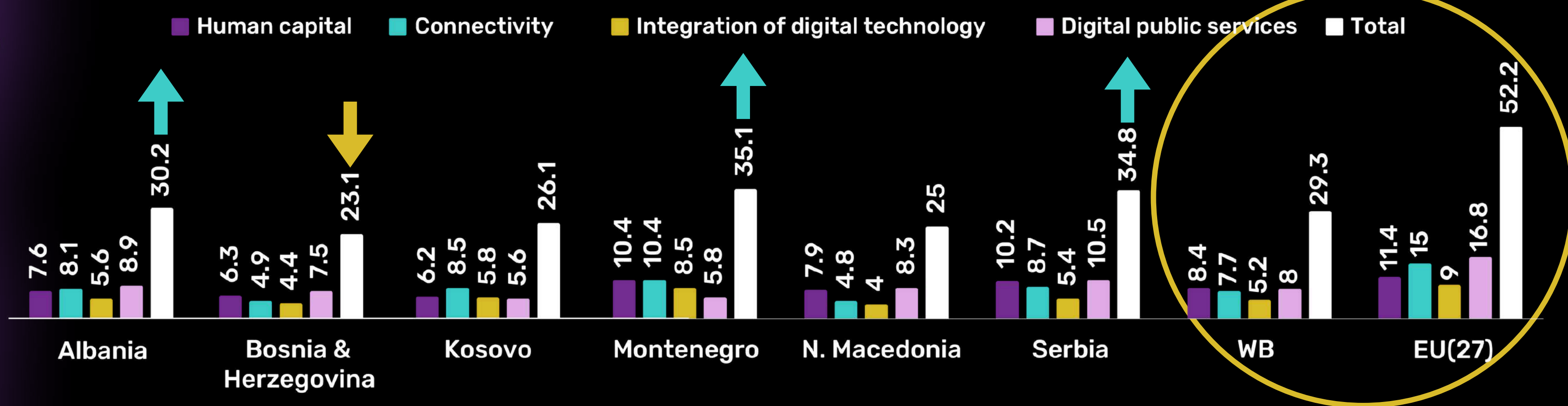
**DELIVERY & LOGISTICS**

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# DIGITAL READINESS: DIGITAL ECONOMY SOCIETY INDEX.

## DIGITAL PROGRESS IN THE WB LAGS BEHIND THE EU AVG

Western Balkan Digital Economy Society Index (WB DESI) 2022



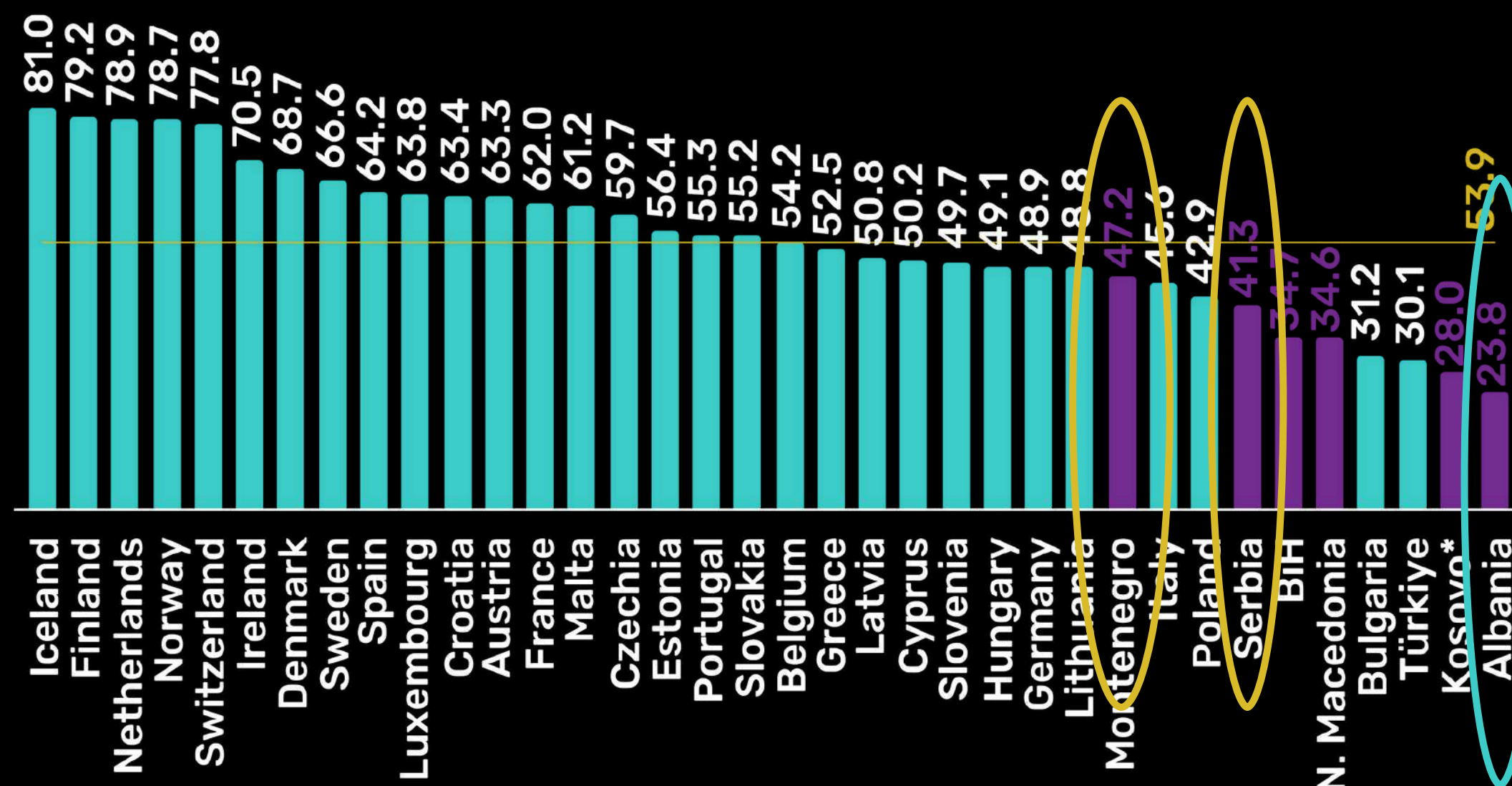
Source: Western Balkans Digital Economy Society Index, WB DESI 2022 Report, RCC

# DIGITAL READINESS: DIGITAL SKILLS. THE SHARE OF INDIVIDUALS WITH BASIC OR ABOVE BASIC DIGITAL SKILLS LAGS SIGNIFICANTLY BEHIND THE EU AVG OF 54%

MONTENEGRO RANKED THE BEST WITH 47%, FOLLOWED BY SERBIA AT 43%. ALBANIA IS RANKED THE LOWEST WITH 24%

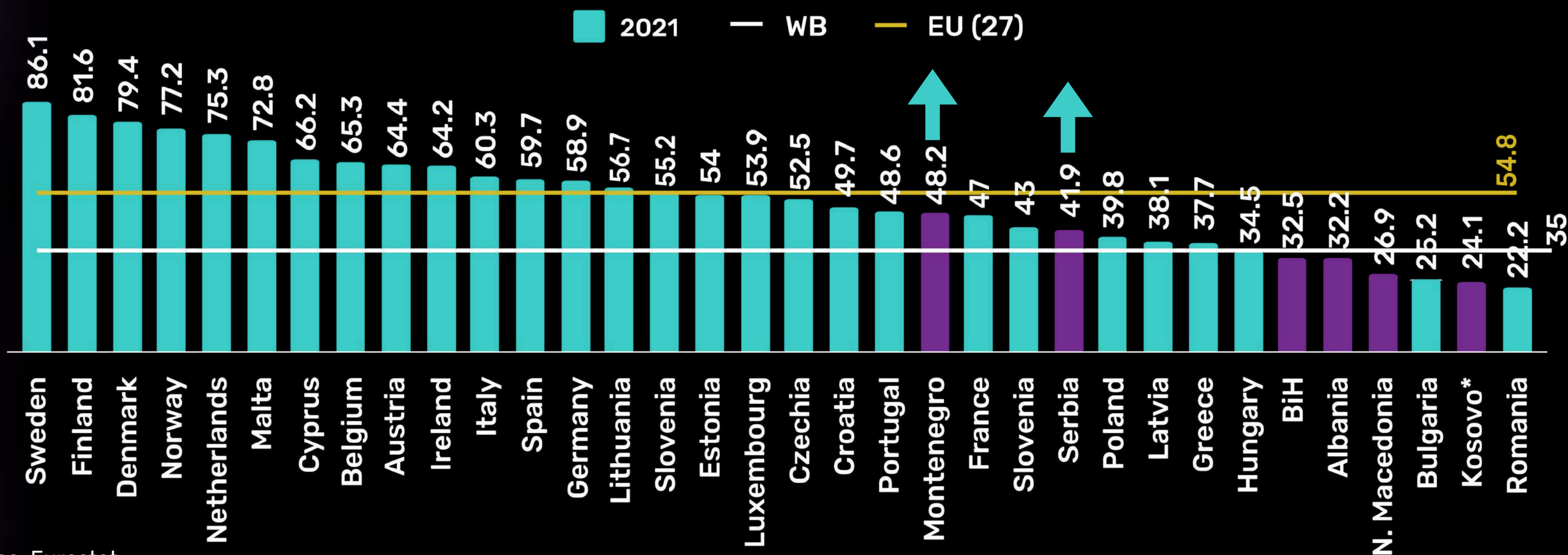
Individuals with basic or above basic overall digital skills (% of individuals), EU 2021

- Individuals with basic or above basic overall digital skills (all five component indicators are at basic or above basic level)
- EU (27)



# DIGITAL READINESS: DIGITAL SKILLS. SIGNIFICANT GAP IN DIGITAL SKILLS OF ENTERPRISES. SERBIA AND MONTENEGRO MORE ADVANCED COMPARED TO THEIR PEERS.

SME's with at least basic level of digital intensity (as a % of enterprises) in Europe, 2021

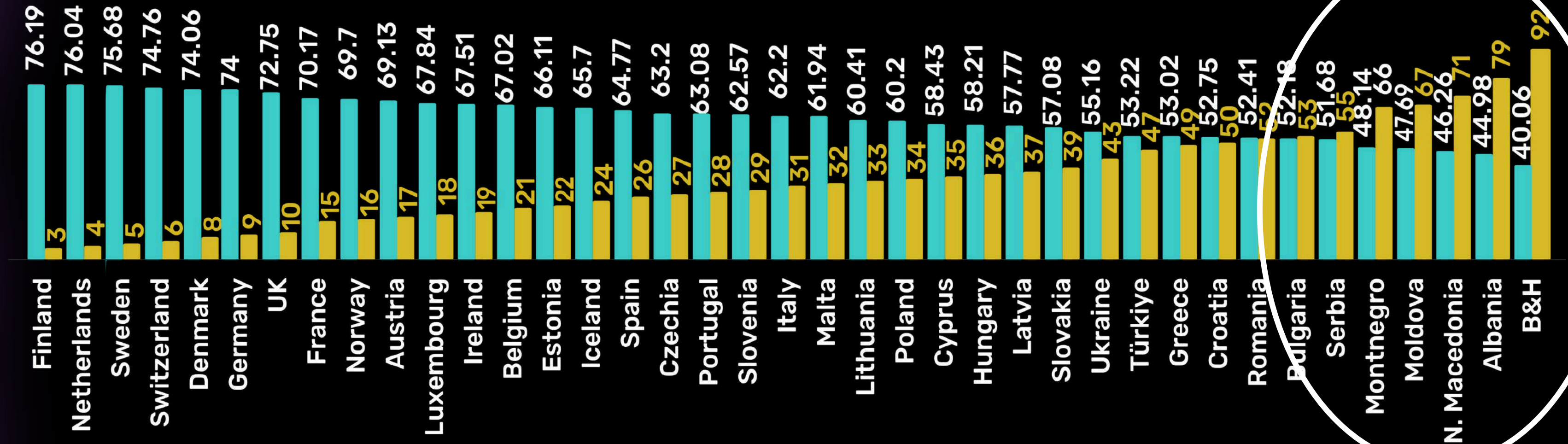


# DIGITAL READINESS: THE NETWORK READINESS INDEX.

## THE WB IS NOT WELL PREPARED TO CAPITALIZE ON THE OPPORTUNITIES OF THE DIGITAL REVOLUTION

NRI Score & NRI Ranking 2023 in Europe

■ NRI Score ■ NRI Ranking





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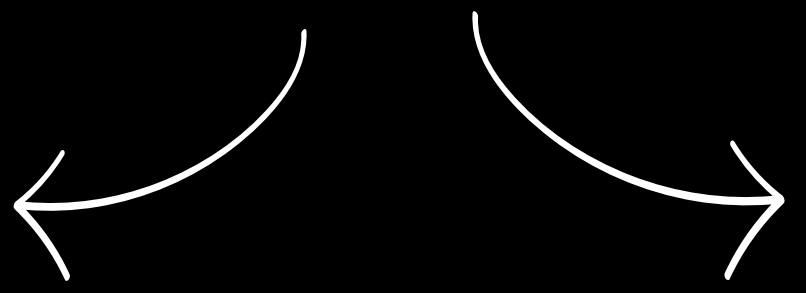
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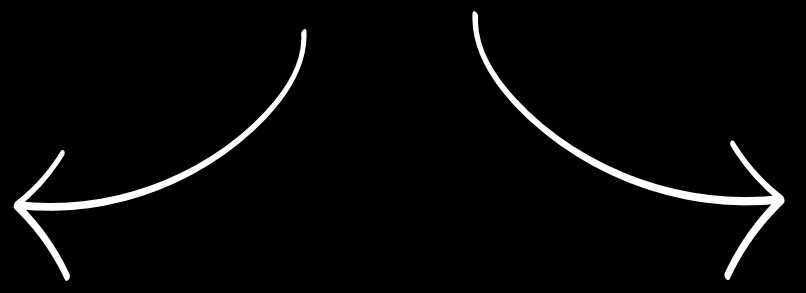
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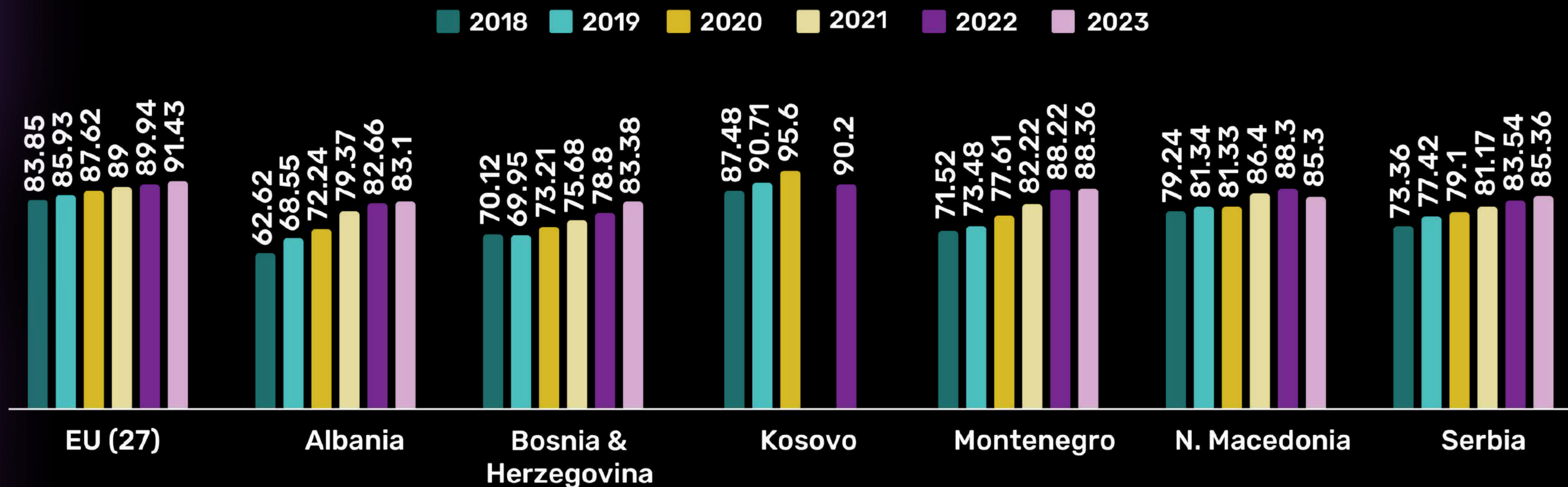
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# E-COMMERCE READINESS: INTERNET USE. THE REGION IS WELL CONNECTED, NOTABLE PROGRESS IN THE LAST DECADE.

Internet use (%) - as a percentage of population in Western Balkans 2018-2023

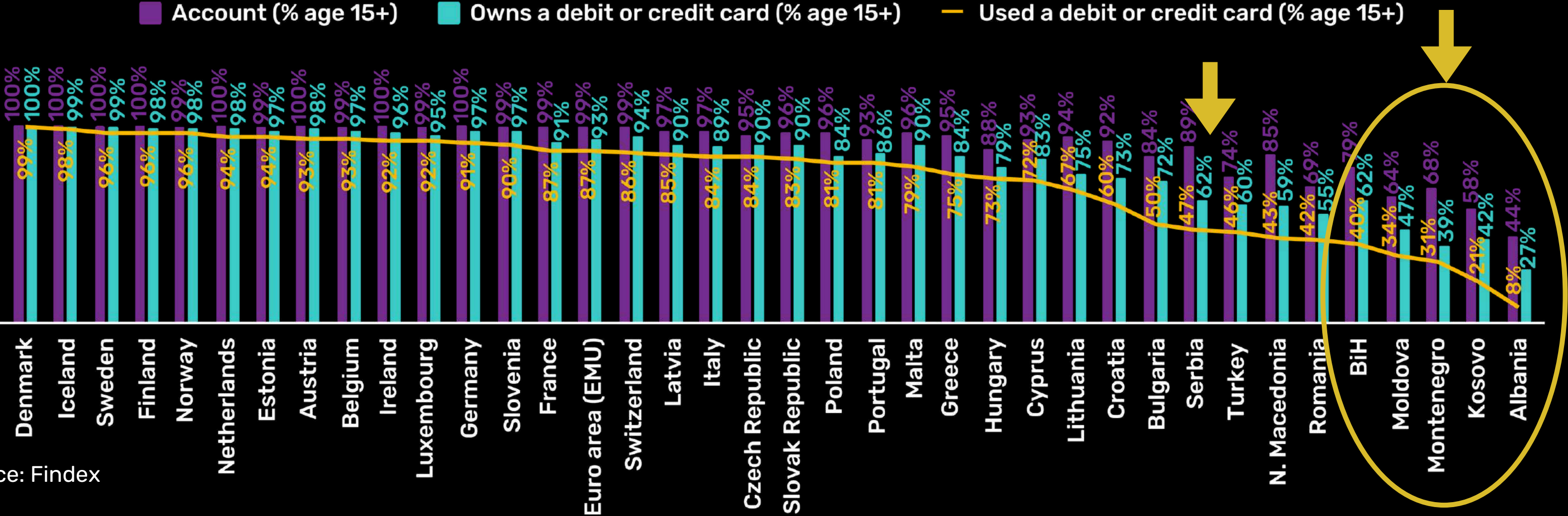


**ENTERPRISES (10+ EMPLOYEES) IN BIH, MNE AND SRB ARE 100% CONNECTED, NMK 96% AND ALB 98%.**

# E-COMMERCE READINESS: PAYMENT. LOWER RATES OF CARD OWNERSHIP AND USAGE. ONLY 44% OF ALBANIANS HAVE AN ACCOUNT, 27% A CARD AND JUST 8% USE THESE CARDS.

FACTORS: LOWER LEVELS OF FINANCIAL INCLUSION, LIMITED ACCESS TO PAYMENT CARDS, AND A GENERAL LACK OF TRUST IN ONLINE PAYMENT

Owns an account, debit or credit card and used debit or credit card (5 age 15+) in Europe 2021



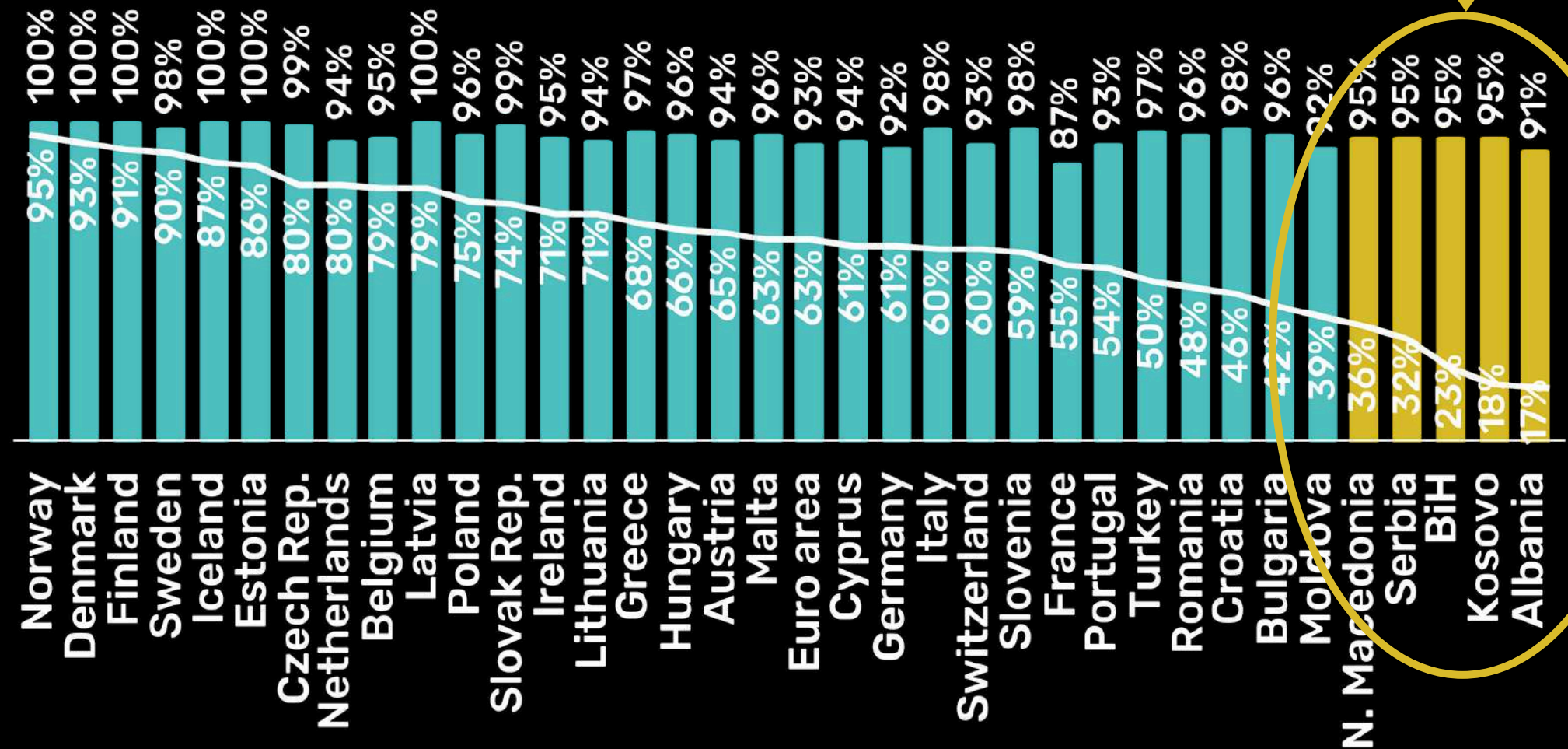
Source: Findex

# E-COMMERCE READINESS: PAYMENT. HIGH MOBILE PHONE OWNERSHIP SIMILAR TO THAT OF DEVELOPED EU COUNTRIES. HOWEVER SIGNIFICANTLY LOWER USE FOR PAYMENTS.

INSUFFICIENT DIGITAL INFRASTRUCTURE, LOW LEVELS OF TRUST IN ONLINE FINANCIAL SYSTEMS, AND LACK OF USER-FRIENDLY FINANCIAL PLATFORMS.

Own a mobile phone (% age 15+) and Use a mobile phone or the internet to make payments, buy things, or send or receive money using a financial institution account (% with a financial institution account, age 15+) in Europe, 2021

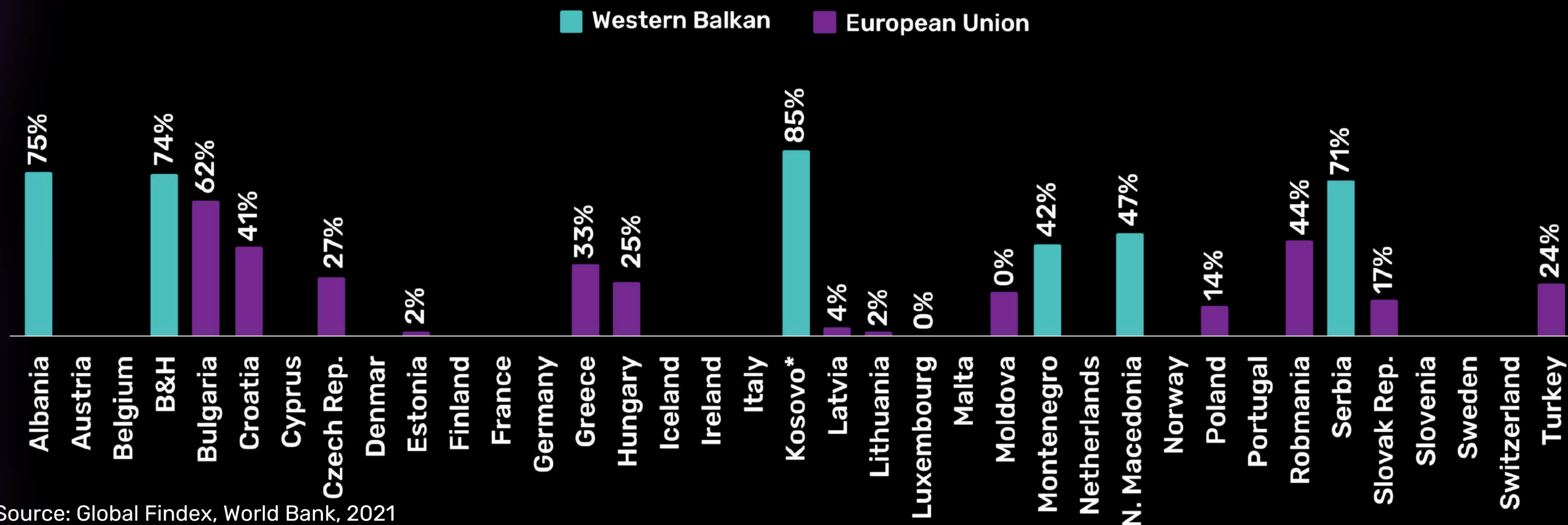
- Own a mobile phone (% age 15+)
- Use a mobile phone or the internet to make payments, buy things, to send or receive money using a financial institution account (% with a financial institution account, age 15+)



# E-COMMERCE READINESS: PAYMENT. CASH ON DELIVERY (COD) REMAINS A DOMINANT PAYMENT METHOD IN THE WB.

IN CONTRAST DIGITAL PAYMENTS ARE THE NORM IN THE DEVELOPED MARKETS.

Made a cash payment upon delivery for an online purchase (% of internet purchases, age 15+) in Europe, 2021



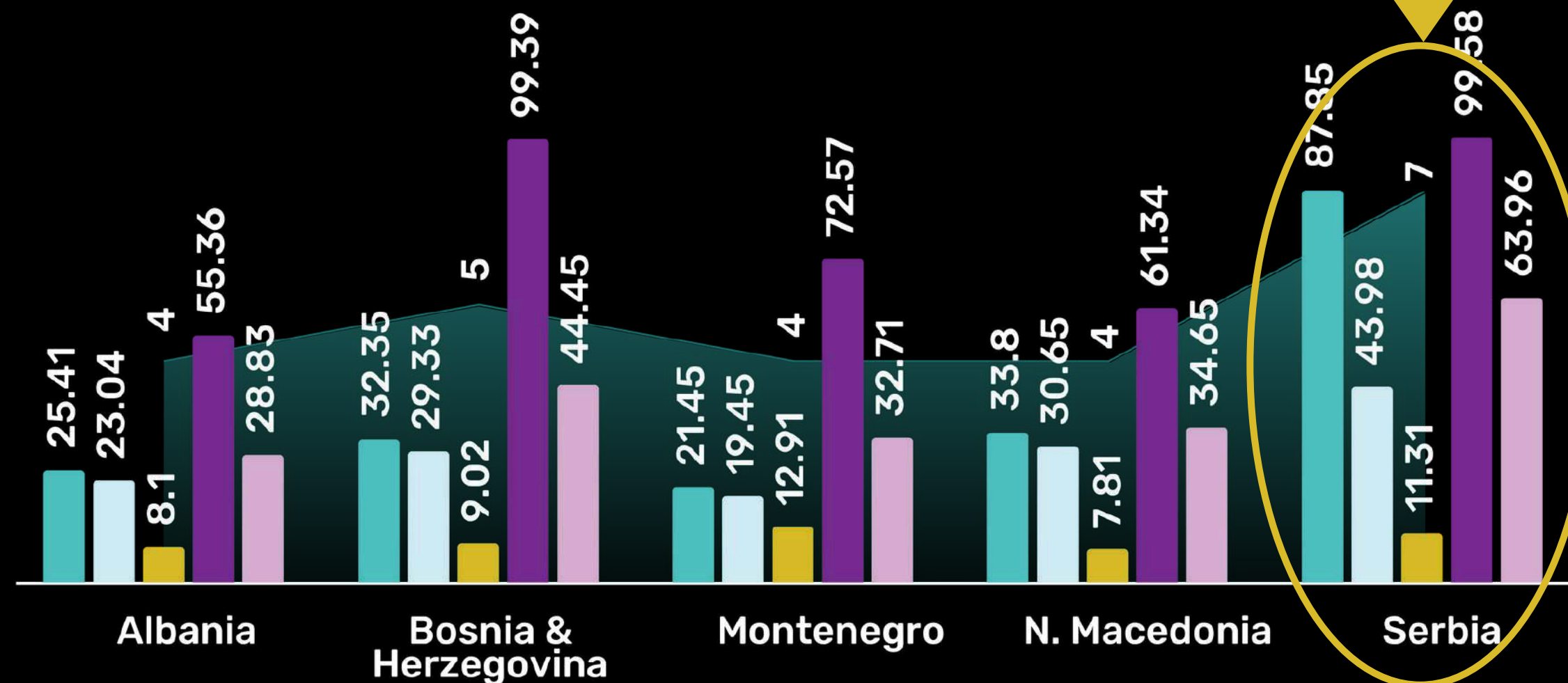
Source: Global Findex, World Bank, 2021

# E-COMMERCE READINESS: DELIVERY & LOGISTICS > INTEGRATED INDEX FOR POSTAL DEVELOPMENT (2IPD). SERBIA LEADS THE WB IN POSTAL SERVICES DEVELOPMENT.

THE REGION FACES CHALLENGES IN IMPROVING POSTAL DEVELOPMENT, PARTICULARLY IN THE RELEVANCE OF POSTAL BUSINESS MODELS.

Integrated Index for Postal Development (2IPD) - WB 2022

- Reliability
- Reach
- Relevance
- Resilience
- 2IPD\_Score
- Postal Development Level

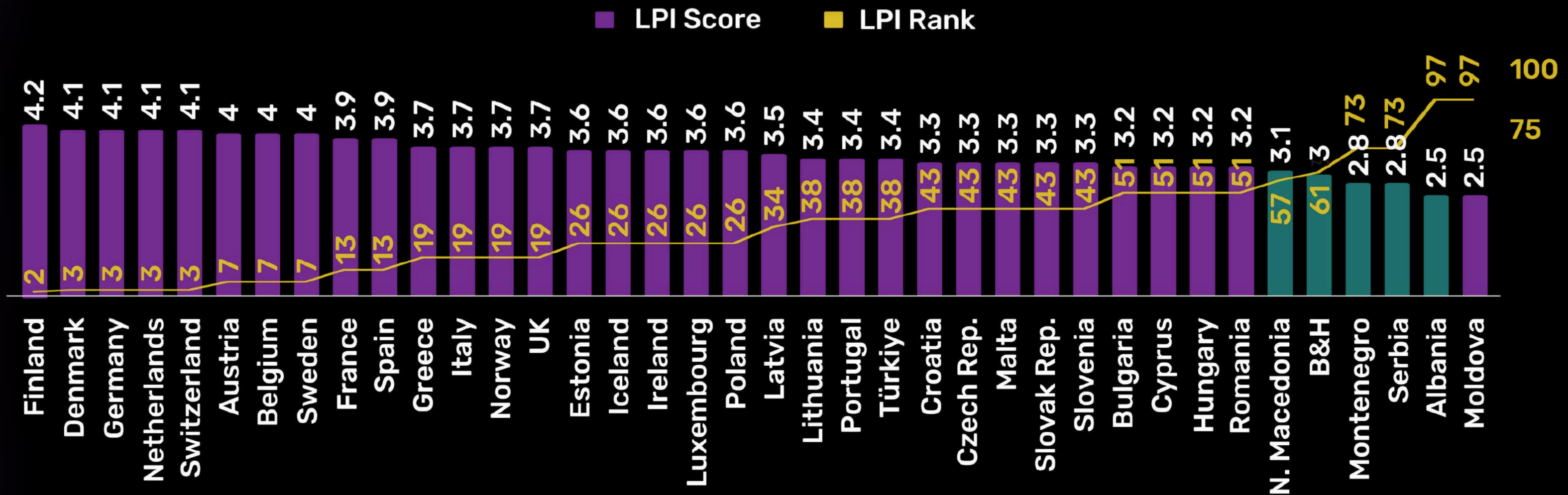


Source: Global Findex, World Bank, 2021

# E-COMMERCE READINESS: DELIVERY & LOGISTICS > LOGISTICS PERFORMANCE (LPI). WB RANKED LOWEST IN EUROPE, FACING SIGNIFICANT LOGISTICS CHALLENGES.

LPI ASSESSES LOGISTICS PERFORMANCE BASED ON INFRASTRUCTURE, SERVICES, BORDER PROCEDURES, AND SUPPLY CHAIN RELIABILITY.

LPI Score & LPI Rank in Europe, 2023



Source: World Bank (2023)

# E-COMMERCE READINESS: LEGAL FRAMEWORK

## Albania



**Law on Electronic Commerce:** Law No. 10128, enacted in 2009, with amendments in 2013.

**Law on Consumer Protection:** Law No. 9902, enacted in 2008, with amendments in 2012 and 2016.

**Law on Protection of Personal Data:** Law No. 9887, enacted in 2008, with amendments in 2012 and 2014

## N. Macedonia



**Law on Electronic Commerce:** Law No. 133, enacted in 2007, with amendments in 2005 and 2020.

**Law on Consumer Protection:** Law No. 38/04, enacted in 2004, with amendments in 2007, 2088, 2011, 2013, and 2015.

**Law on Electronic Communications:** Law No. 39, enacted in 2014, with amendments in 2015, and 2018.

**Law on Personal Data Protection:** Law No. 42/20, enacted in 2020.

## Bosnia and Herzegovina



**Law on Electronic Commerce:** Law No.59, enacted in 2009, amendments in 2016

**Law on Electronic Legal and Business Transactions:** Law No. 88/07, enacted in 2007.

**Law on Consumer Protection:** Law No. 25/06, enacted in 2006, with amendments in 2015.

**Law on Protection of Personal Data:** Law No. 49/06, enacted in 2006, with amendments in 2011 and 2015.

## Montenegro



**Law on Electronic Commerce:** Law No. 80, enacted in 2004, with amendments in 2010 and 2013.

**Law on Consumer Protection:** Law No. 2, enacted in 2014, with amendments in 2014, 2015, 2017, and 2019.

**Law on Data Protection:** No.89, enacted in 2008, with amendments in 2009, 2012, and 2017.

## Kosovo



**Law on Consumer Protection:** Law No. 04/L-121, enacted in 2012.

**Law on Information Society Services:** Law No. 04/L-094, enacted in 2012.

**Law on Internal Trade:** Law No. 04/L-005, enacted in 2011.

## Serbia



**Law on Trade:** Law No. 52/2019, enacted in 2019.

**Law on Electronic Commerce:** Law No. 41/2009, enacted in 2009, with updates in 2013 and 2019.

**Law on Consumer Protection:** Law No. 88/2021, enacted in 2021.

**Law on Personal Data Protection:** Law No. 87/2018, enacted in 2018.

**Law on Electronic Communications:** Law No. 44, enacted in 2010, with amendments in 2013, 2014, and 2018.



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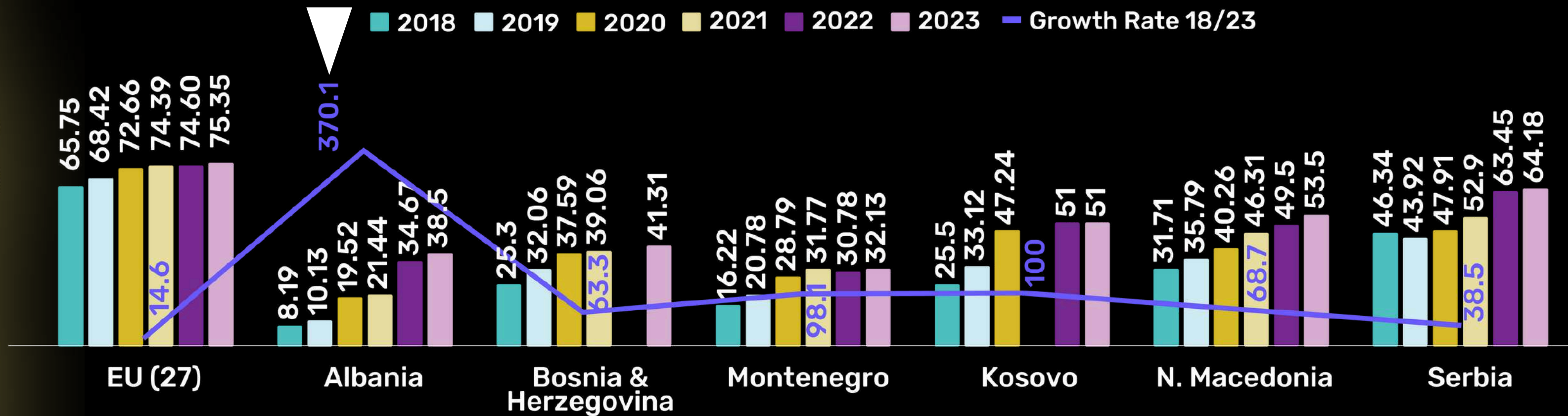


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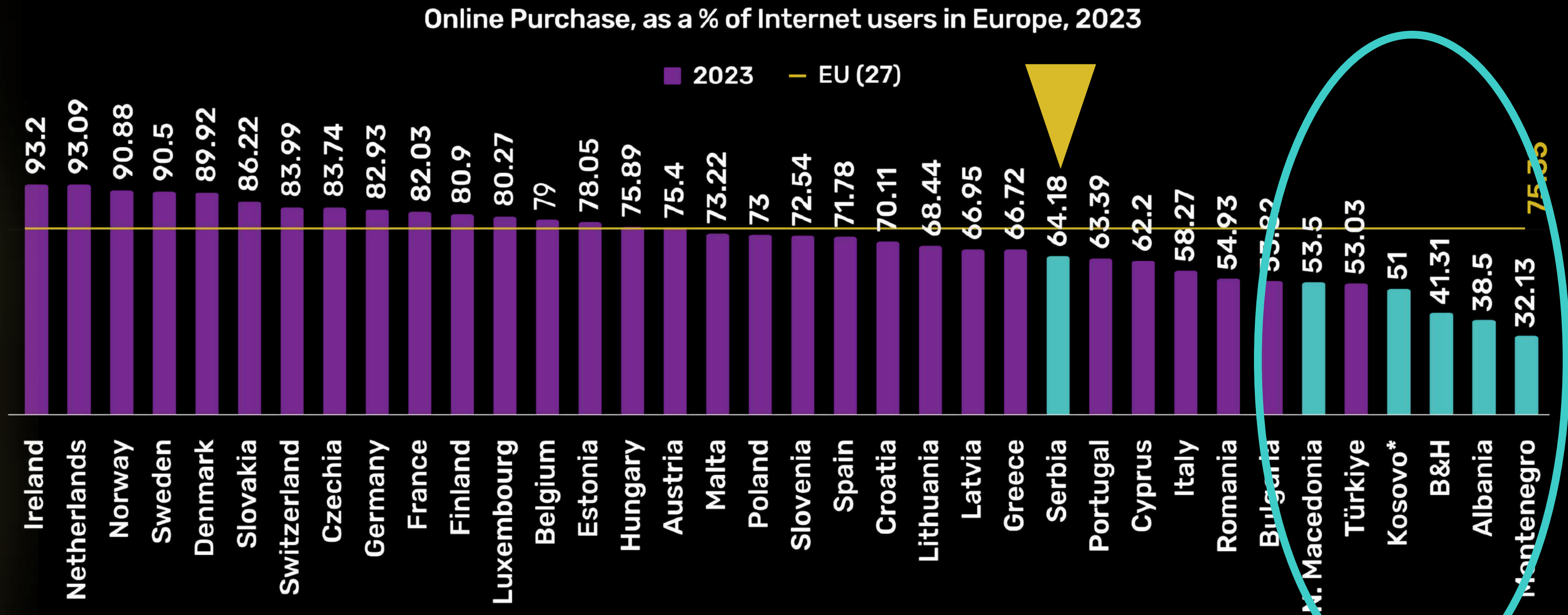
# SHARE OF E-SHOPPERS > REMARKABLE GROWTH IN ONLINE SHOPPERS IN THE LAST FIVE YEARS.

Online Purchase, as a % of Internet users in WB and EU (27), 2018-2023



Source: Eurostat and National Statistical Offices

# SHARE OF E-SHOPPERS > DESPITE THE SIGNIFICANT GROWTH, THE WESTERN BALKANS STILL RANKED AT THE BOTTOM IN EUROPE.



Source: Eurostat and National Statistical Offices



# **E-SHOPPERS BEHAVIOR: WHAT, WHERE, HOW OFTEN, HOW MUCH**

**WHAT DO WB  
E-SHOPPERS BUY?**

**HOW OFTEN DO WB  
E-SHOPPERS SHOP?**

**HOW MUCH DO THEY  
SPEND ONLINE?**

**WHERE DO THEY  
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## WHAT DO WB E-SHOPPERS BUY?

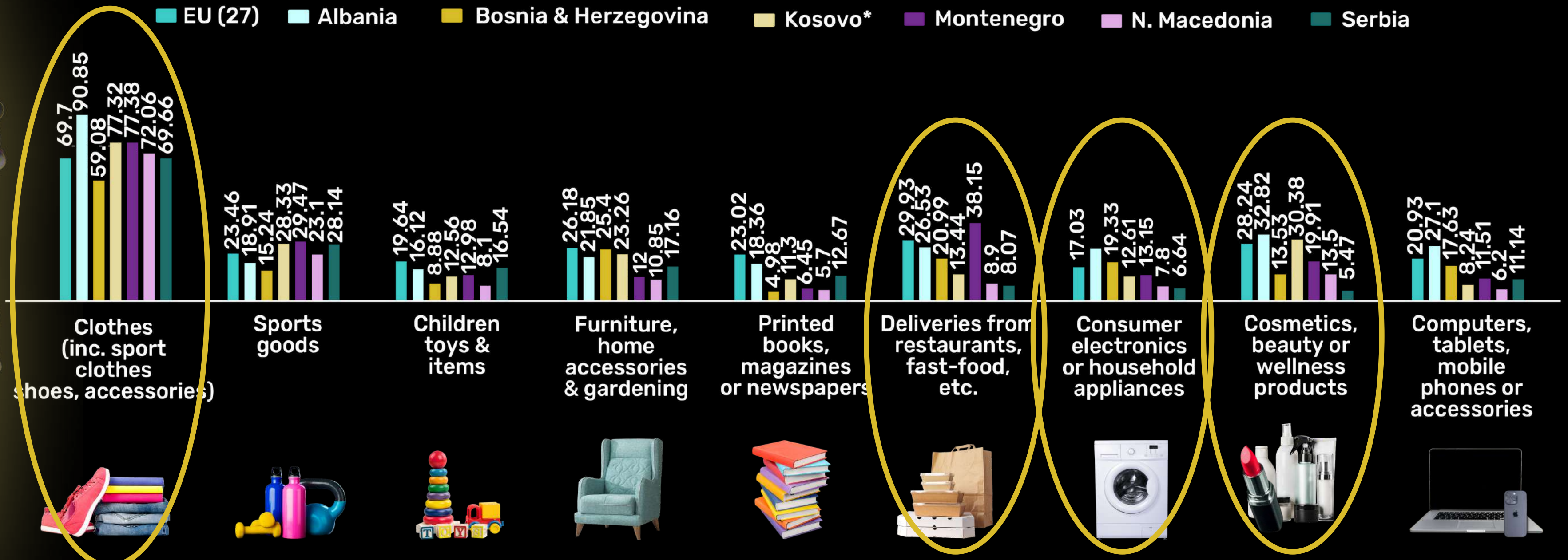
## HOW OFTEN DO WB E-SHOPPERS SHOP?

## HOW MUCH DO THEY SPEND ONLINE?

## WHERE DO THEY SHOP ONLINE FROM?

Source: Eurostat

Internet purchases - goods or services, 2023



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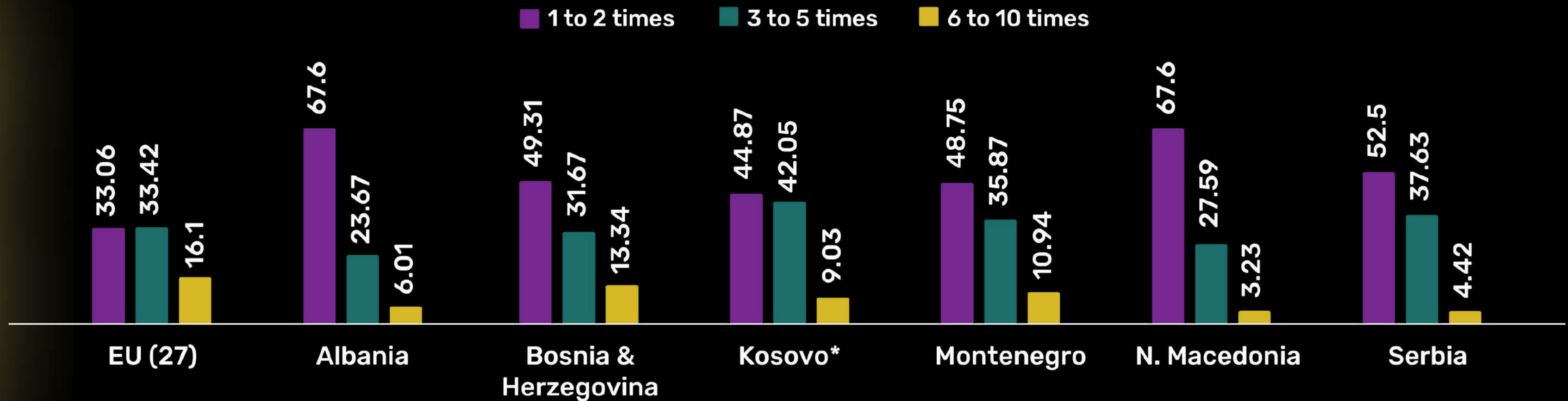
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Frequency of online purchases in the last 3 months (as % of individuals who purchased online in the last 3 months), WB & EU (27), 2023



Source: Eurostat

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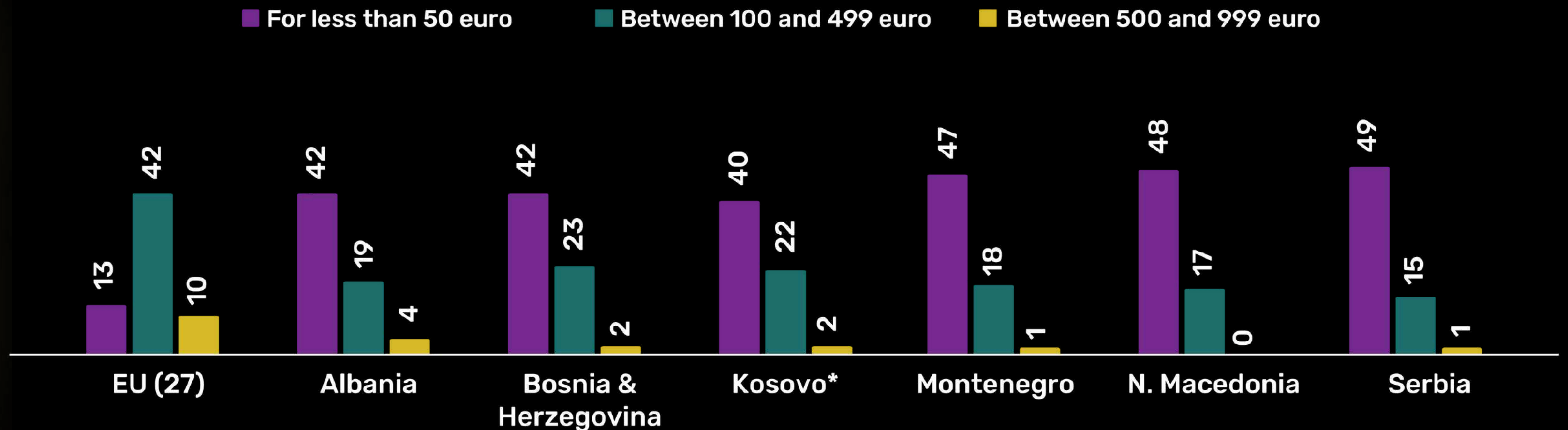
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Source: Eurostat

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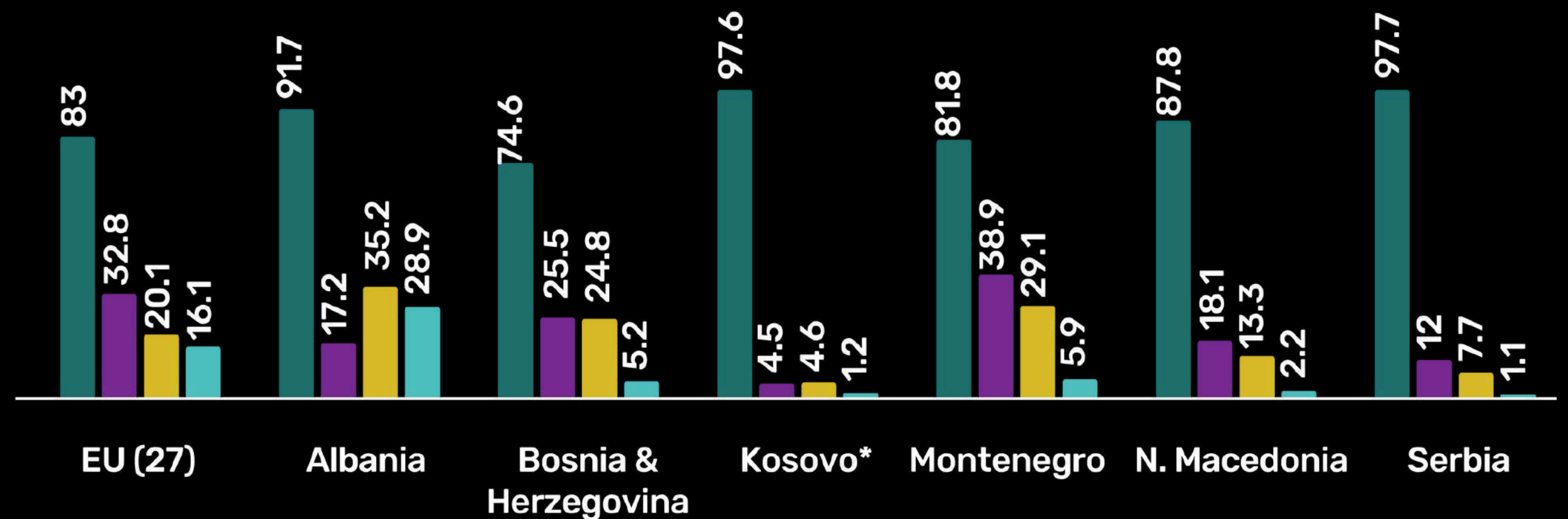
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(as % of individuals who purchased  
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WB & EU (27), 2023

- From national sellers
- From sellers from other EU countries
- From sellers of the rest of the world (non-EU countries)
- From sellers from unknown countries



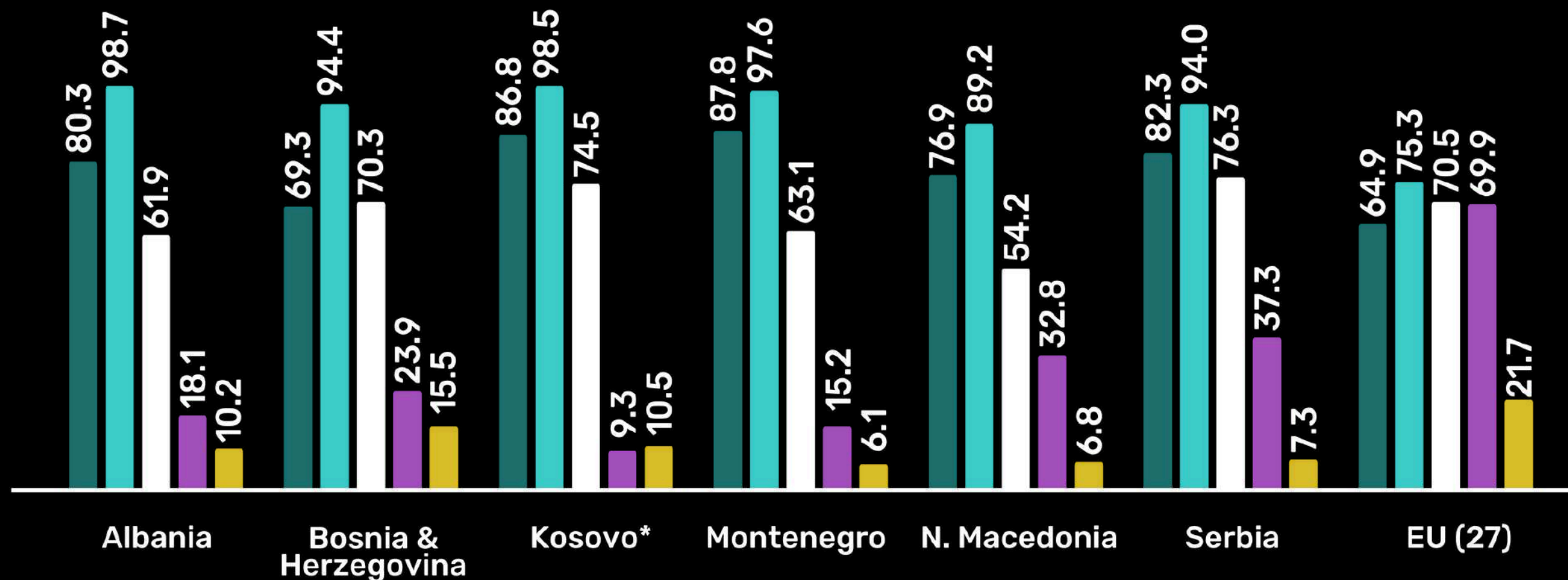


# WHAT DO WESTERN BALKANS DO WHEN ONLINE? MOSTLY TELEPHONING, VIDEO CALLS AND SOCIAL MEDIA.



Internet activity by individuals, 2023

- Participating in social media
- Telephoning or video calls
- Finding information about goods and services
- Internet banking
- Selling goods or services

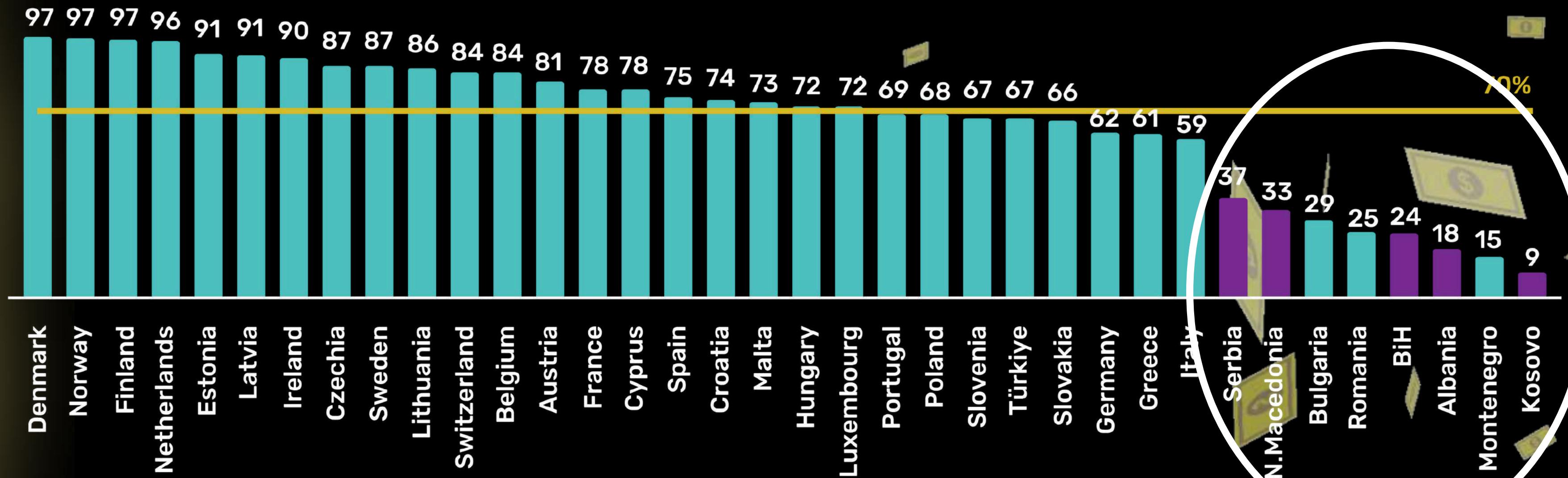


Source: Eurostat

# WHAT DO WESTERN BALKANS DO WHEN ONLINE? RANKED AT THE BOTTOM WHEN IT COMES TO USING E-BANKING

Internet banking as Percentage of individuals who used internet in the last 3 months

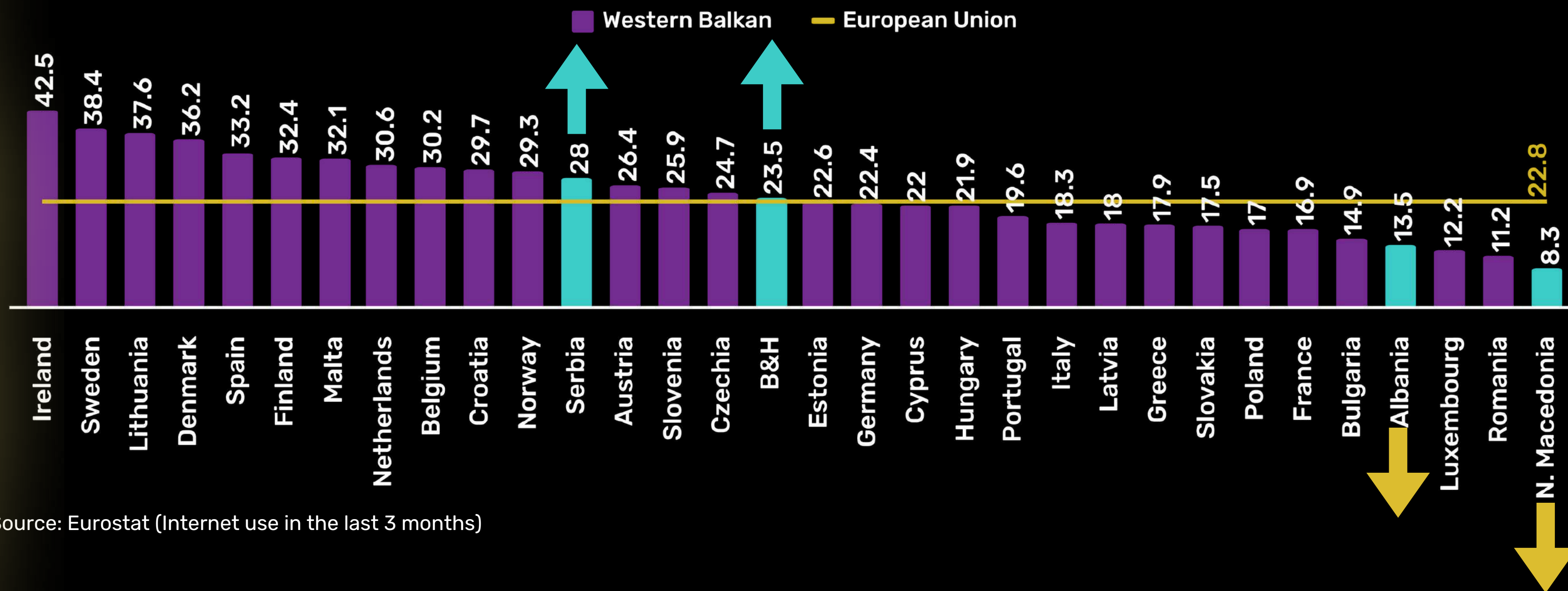
— EU(27)



Source: Eurostat

# ENTERPRISES AND E-COMMERCE: SRB AND BIH STAND OUT. ALB AND MKD LAG BEHIND.

E-commerce sales of enterprises (as a % of enterprises) in Europe, 2022



Source: Eurostat (Internet use in the last 3 months)



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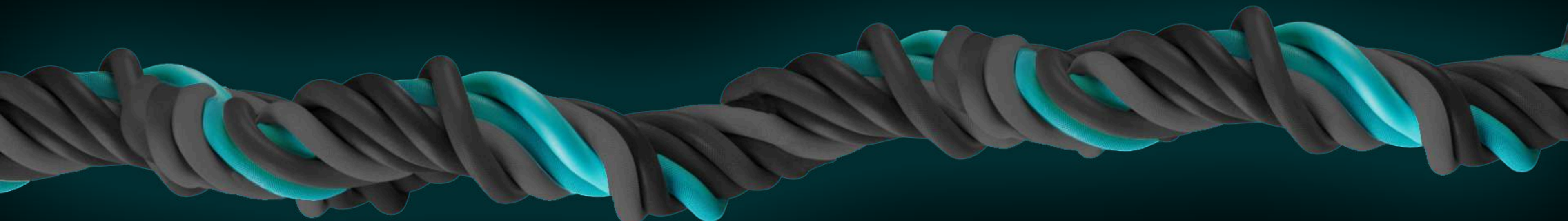
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**WESTERN  
BALKANS DIGITAL  
& E-COMMERCE  
READINESS**



**WESTERN  
BALKANS  
STATE OF  
E-COMMERCE**



**E-RETAILERS'  
EXPERIENCES &  
CHALLENGES:  
SURVEY FINDINGS**

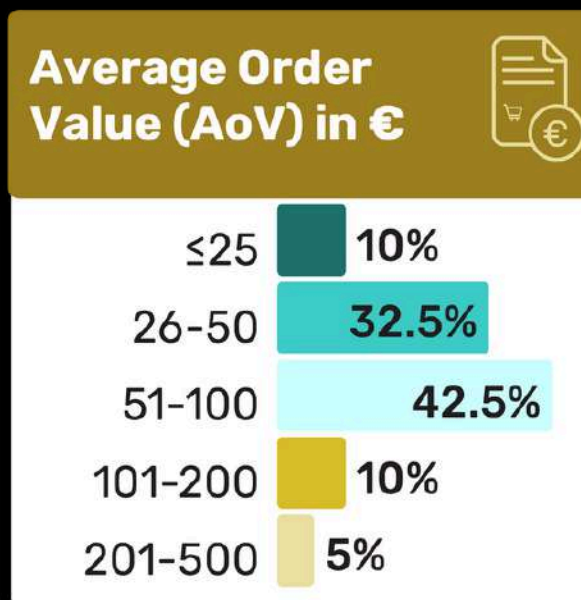
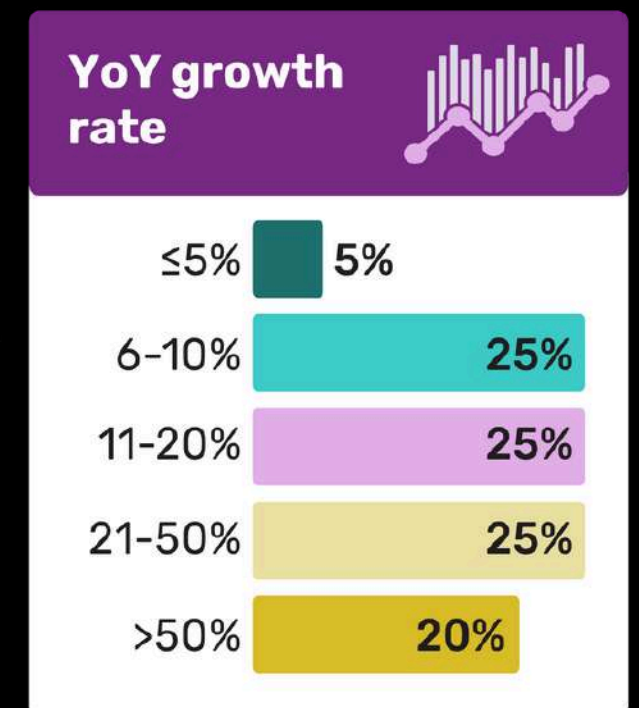
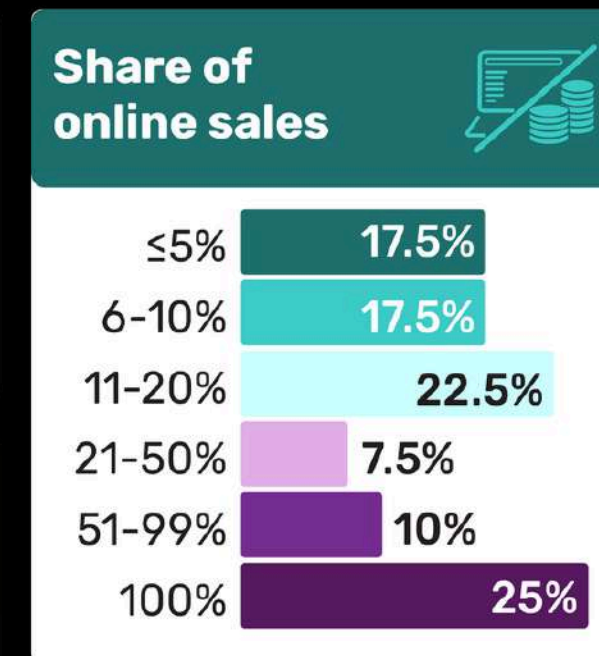
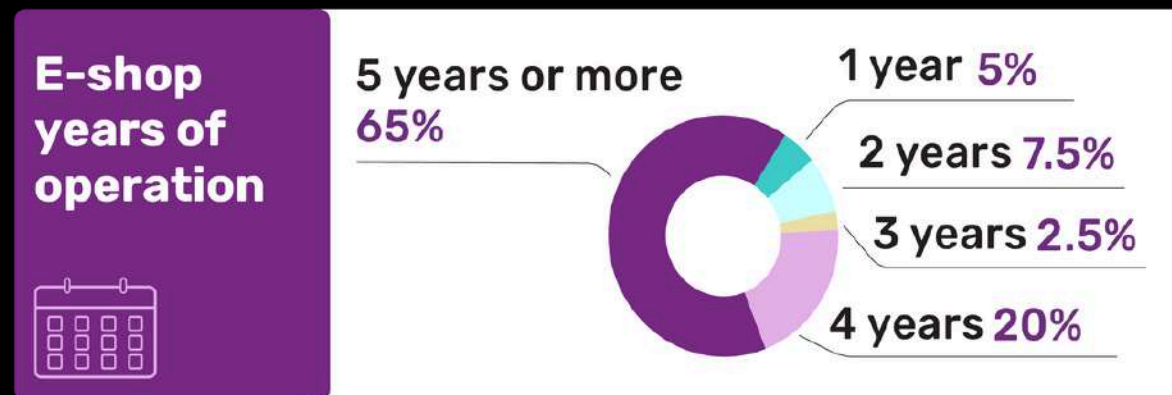
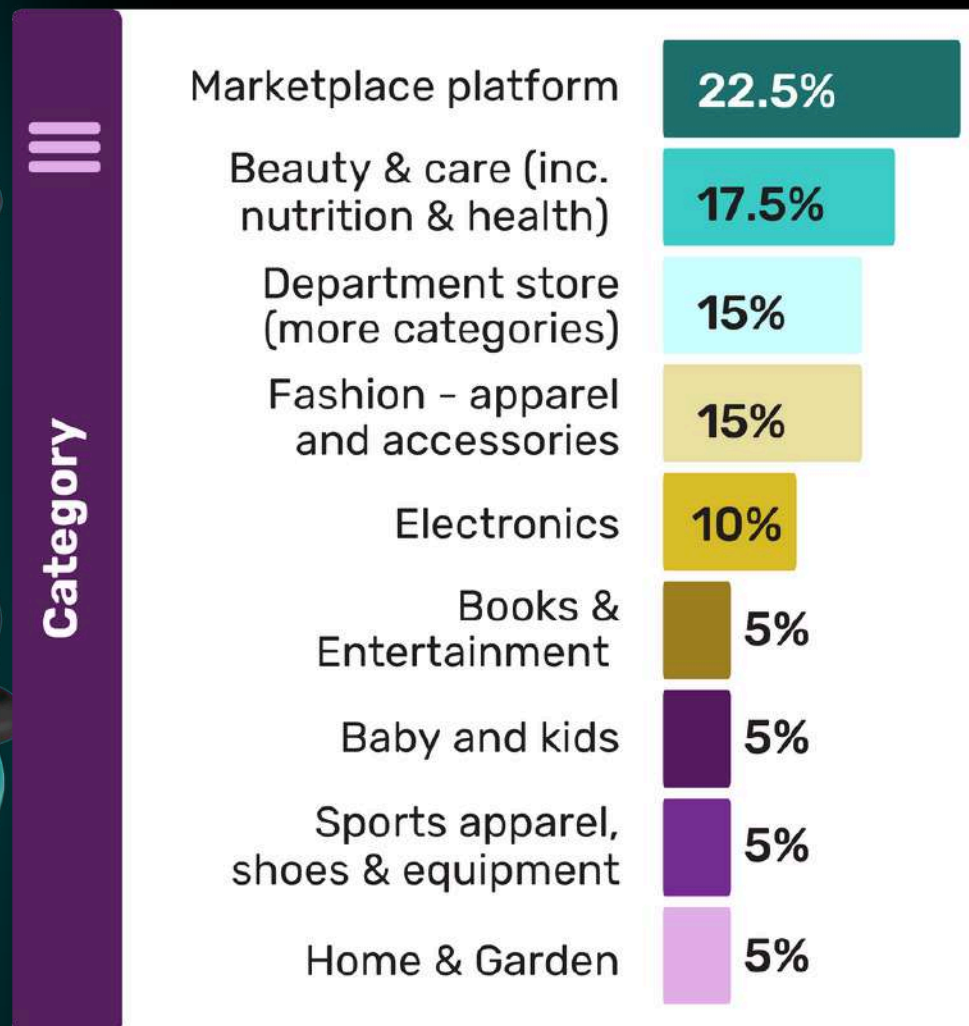
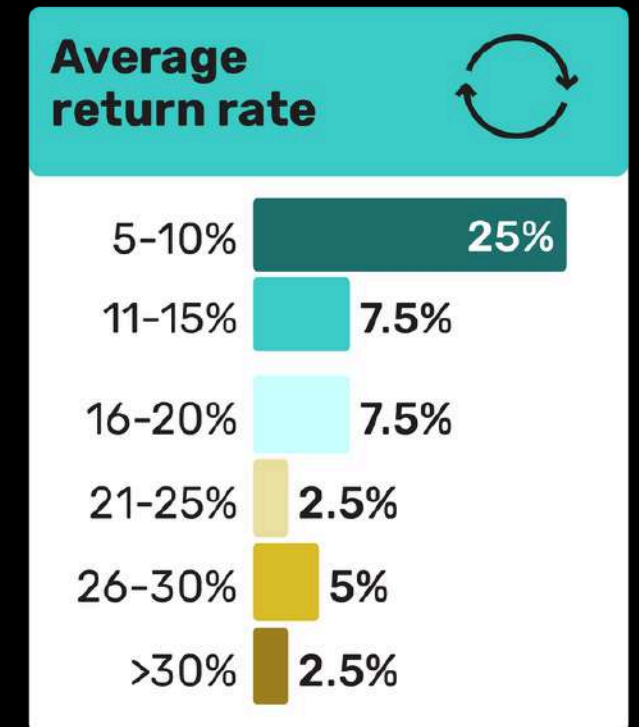
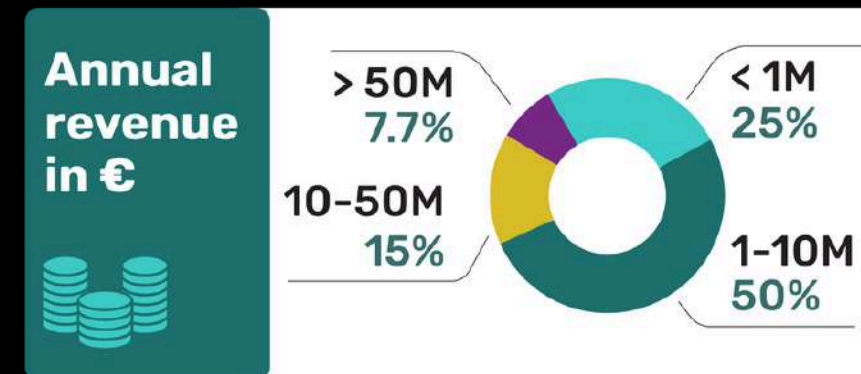
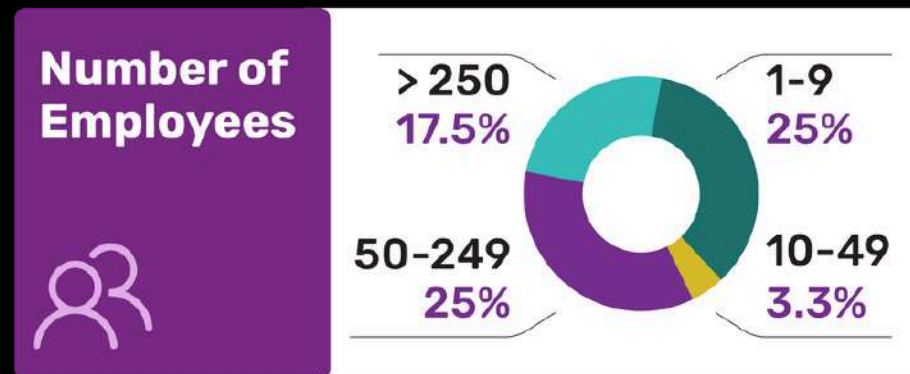
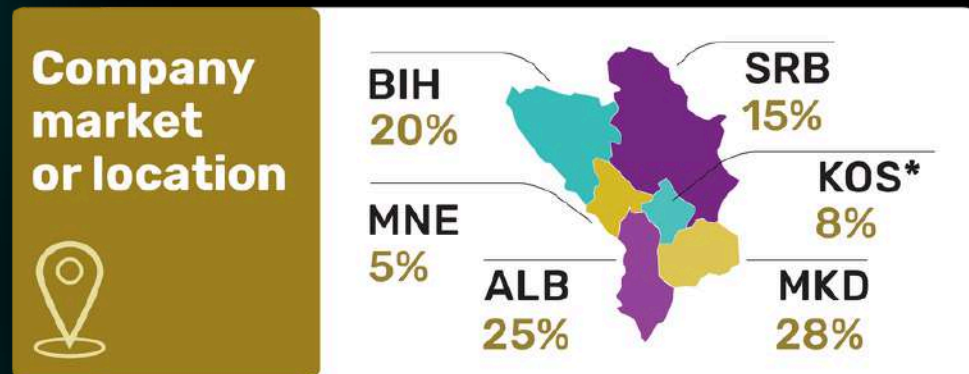


**RECOMMENDATIONS  
+ OUR WORK FOR  
E-COMMERCE  
DEVELOPMENT**



# E-RETAILERS EXPERIENCES > SURVEY: PAYMENT & CHALLENGES

N=40 respondents





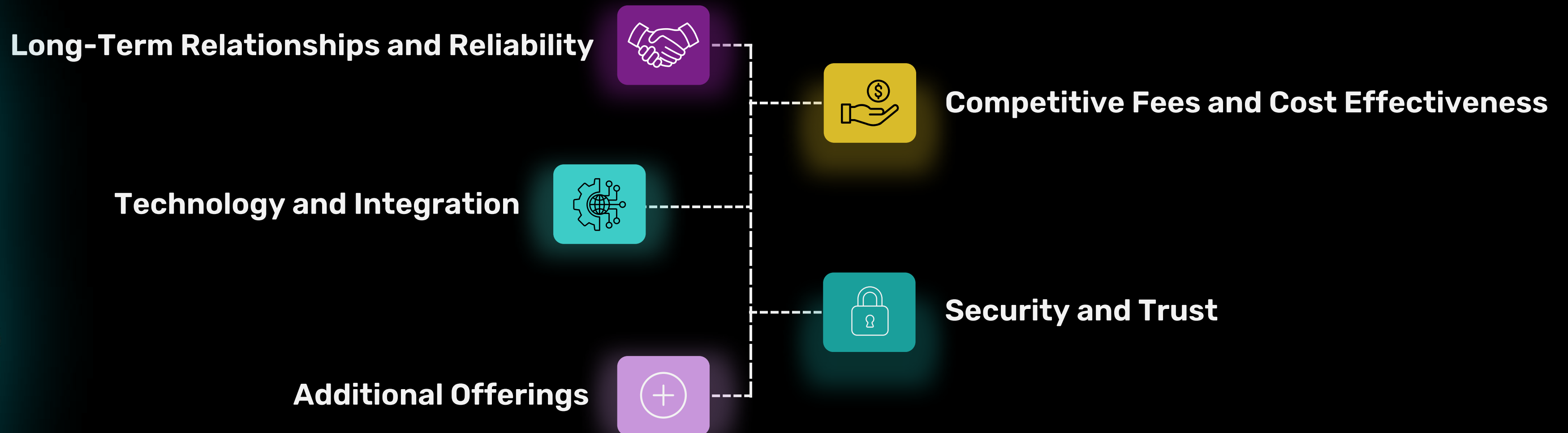
# CASH ON DELIVERY (COD) IS OFFERED UNIVERSALLY BY ALL E-RETAILERS WHILE 87.5% OFFER PAYMENT BY CARD (PBC)

## ALBANIA AND KOSOVO LEADING IN DIGITAL PAYMENT OPTIONS



# E-RETAILERS PRIMARILY WORK WITH LOCAL BANKS. REASONS FOR DOING BUSINESS WITH A BANK INCLUDE **COMPETITIVE FEES, LONG-TERM RELATIONSHIP AND INTEGRATION AVAILABILITY**

NLB AND RAIFFEISEN PRESENT IN THREE MARKETS, AND PROCREDIT BANK IN TWO.



# E-RETAILERS ARE GENERALLY SATISFIED WITH THE BANK THEY WORK WITH. THEY ARE LEAST SATISFIED WITH THE COSTS AND MOST WITH THE SECURITY AND PREVENTION.

How satisfied are you with the bank you work with?

1=not at all  
5=very important  
N=40

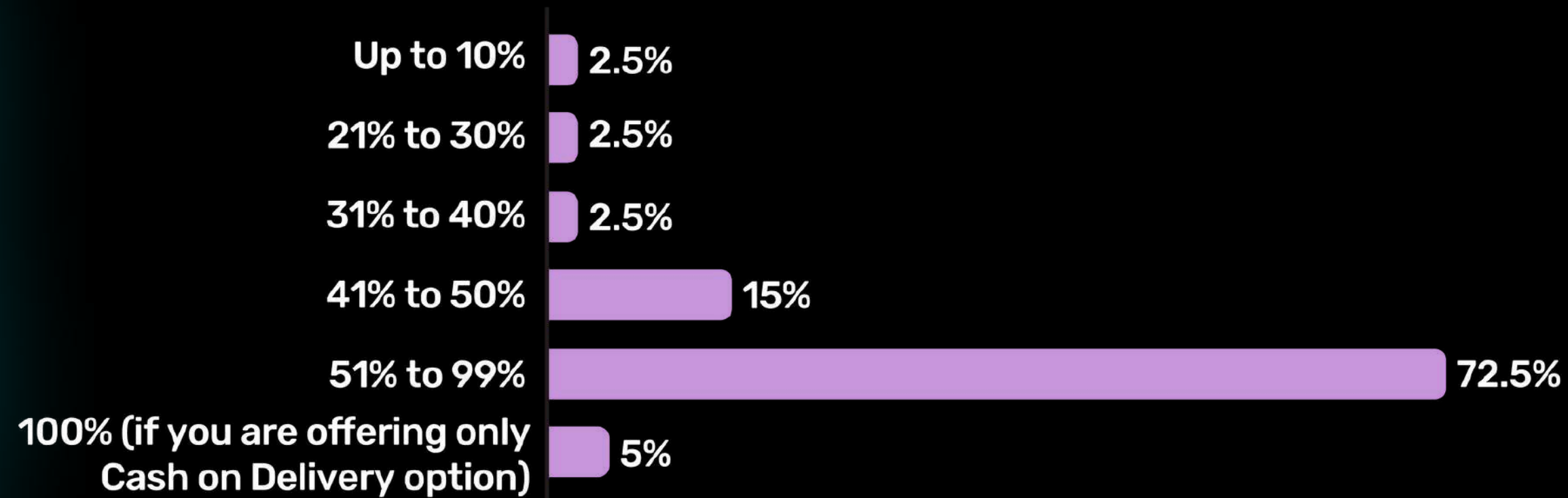


**COD IS DOMINANT FOR 72.5% OF RETAILERS.**

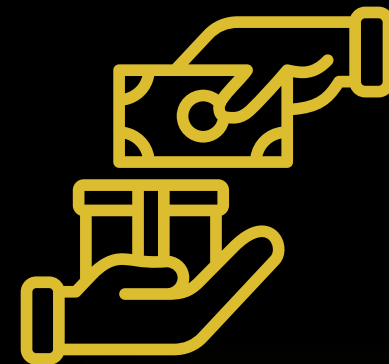
**63% OF E-RETAILERS PREFER PBC AND CONSIDER IT MORE COST-EFFECTIVE.**

How much is the share of Cash on Delivery in your total online sales?

N=40



# 82.5% OF CUSTOMERS PREFER CASH OVER CARD. TRUST, HABITS AND CONVENIENCE ARE SOME OF THE REASONS WHY.



**MOST RETAILERS IN CERTAIN REGIONS DON'T OFFER CARD PAYMENTS**

**COD IS EASIER FOR THOSE NOT DIGITALLY SAVVY**

**CUSTOMERS ARE ACCUSTOMED TO PAYING WITH CASH (CULTURAL NORMS)**

**HIGH TRANSACTION COSTS FOR MERCHANTS ACCEPTING CARD PAYMENTS**

**LOW DIGITAL AWARENESS IN SOME REGIONS (E.G., BOSNIA)**

**CUSTOMERS DO NOT PROCESS ORDERS THEMSELVES ONLINE**

**HABIT & CONVENIENCE**

**TRUST ISSUES**

**REASONS FOR CASH ON DELIVERY PREFERENCE**

**GENERAL PREFERENCE**

**ONLINE TRANSACTION BARRIERS**

**LACK OF TRUST IN ONLINE SHOPS**

**FEAR OF NOT RECEIVING ORDERED GOODS**

**CONCERNS ABOUT POTENTIAL FRAUD (E.G. FAKE WEBSITES)**

**PREFERENCE FOR CASH TRANSACTIONS DUE TO PERCEIVED SECURITY**

**CUSTOMERS WANT TO SEE THE PRODUCT BEFORE MAKING PAYMENT**

**CASH IS PERCEIVED AS A MORE SECURE PAYMENT METHOD**

# 45% OF E-RETAILERS UNDERTAKE ACTIVITIES TO STIMULATE CARD PAYMENTS. HALF DO IT WITH THE SUPPORT OF VISA AND MASTERCARD

Do you do any activities or campaigns to stimulate more payments by card over cash on delivery?

N=40

No, we do not take activities to stimulate card payments

55%



Yes, we have campaigns that we finance on our own

22.5%



Yes, we have campaigns in cooperation with card organizations i.e Visa, Mastercard

22.5%



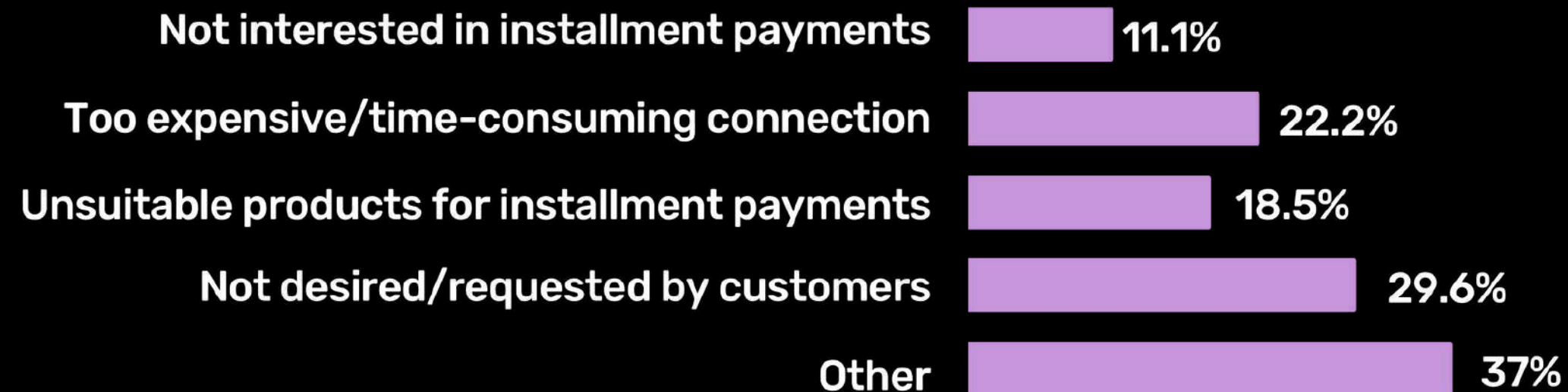
**VISA**

# 67.5% OF E-RETAILERS DO NOT PREFER INSTALLMENT PAYMENTS.

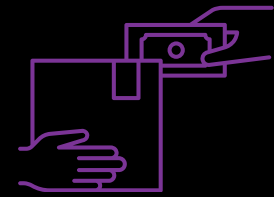
30% SAY THEY DON'T HAVE DEMAND FROM CUSTOMERS AND 22% CONSIDER IT AN EXPENSIVE PAYMENT METHOD.

If you do not offer payment in installments please select the main reason(s)? (up to 2)

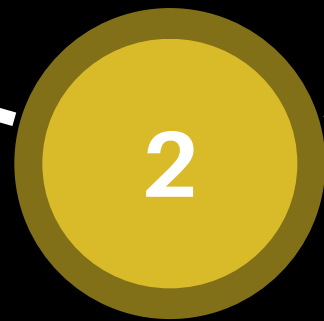
N=27



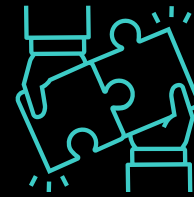
# BIGGEST PAIN POINTS OF E-RETAILERS



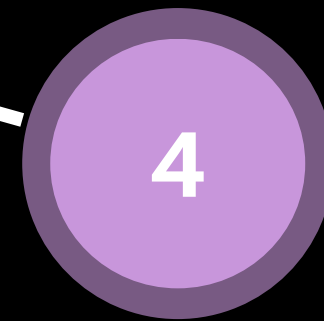
**HIGH RELIANCE ON CASH ON DELIVERY (COD)**



**HIGH TRANSACTION FEES**



**INTEGRATION CHALLENGES**



**COMPLEX REFUND PROCESSES**



**WEAK CUSTOMER TRUST & DIGITAL LITERACY**





# SUGESSTIONS FOR IMPOVEMENT: FROM **COST REDUCTIONS** AND SECURITY ENHANCEMENTS TO BROADER PAYMENT OPTIONS AND BETTER INTEGRATION

LOWER TRANSACTION FEES

NEED FOR SIMPLER INTEGRATIONS

MORE MARKETING EFFORTS BY BANKS & STAKEHOLDERS TO INCREASE AWARENESS & TRUST

SECURITY MEASURES TO REASSURE BUYERS

NEED FOR A MULTIREFUND OPTION

NEED FOR MORE PAYMENT OPTIONS (I.E RECURRING PAYMENTS)

QUICK ACCESS TO CREDIT

BUY NOW, PAY LATER (BNPL) OPTIONS

CARD-ON-DELIVERY PAYMENT

DEMAND FOR INTSNTANT PAYMENTS AND DIGITAL PAYMENTS (APPLE PAY)



**WESTERN BALKANS MARKET SIZE & E-COMMERCE POTENTIAL**



**WESTERN BALKANS DIGITAL & E-COMMERCE READINESS**



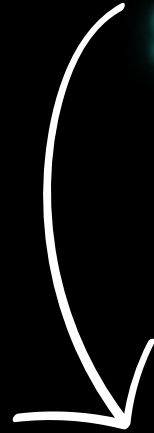
**WESTERN BALKANS STATE OF E-COMMERCE**



**E-RETAILERS' EXPERIENCES & CHALLENGES: SURVEY FINDINGS**



**ACTION AREAS & OUR WORK FOR E-COMMERCE DEVELOPMENT**

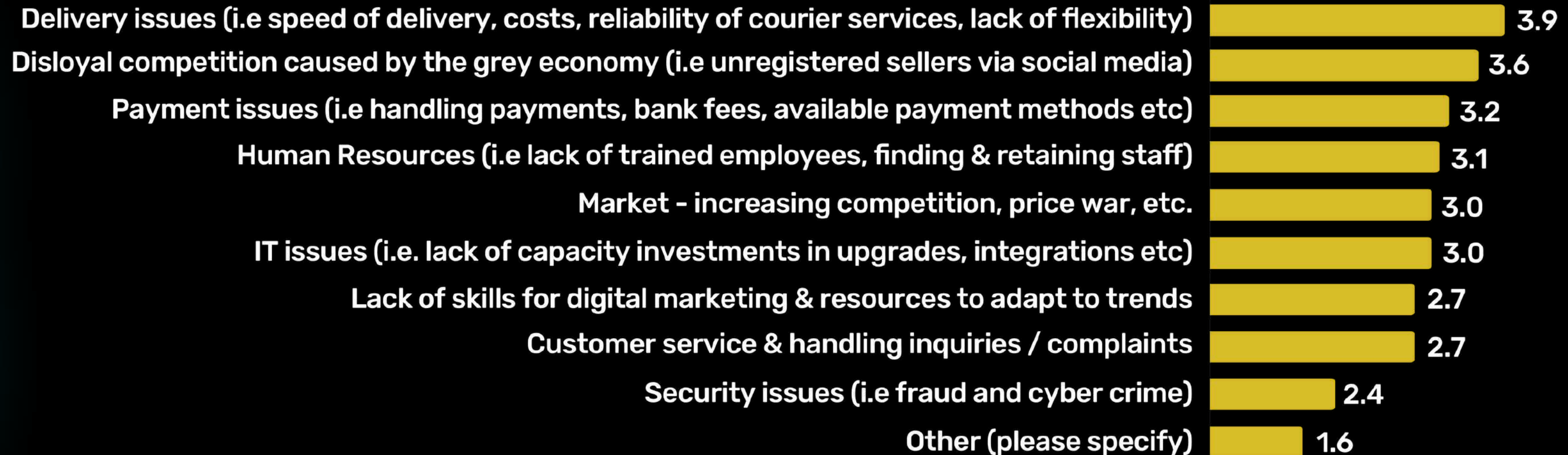


# OVERALL CHALLENGES IN E-COMMERCE FOR E-RETAILERS: DELIVERY ISSUES, FOLLOWED BY GREY ECONOMY, PAYMENT & HR

Please rate to what extent each of the following areas represent a challenge for your online shop?

1=not a challenge at all  
5=very big challenge

N=39





**WESTERN  
BALKANS MARKET  
SIZE & E-COMMERCE  
POTENTIAL**



**WESTERN  
BALKANS DIGITAL  
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READINESS**



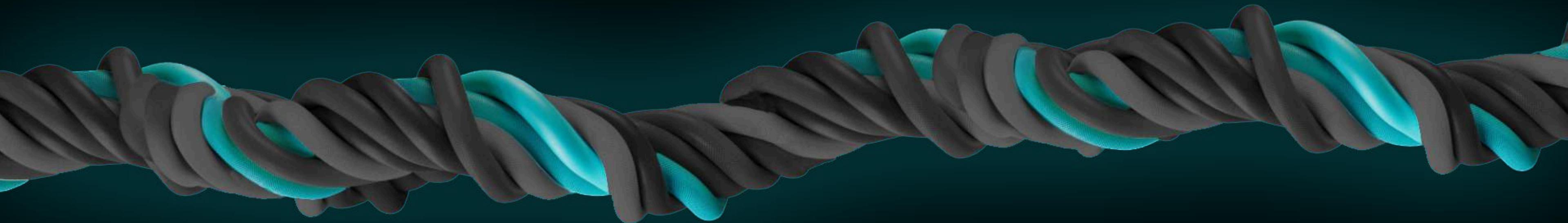
**WESTERN  
BALKANS  
STATE OF  
E-COMMERCE**



**E-RETAILERS'  
EXPERIENCES &  
CHALLENGES:  
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**ACTION AREAS  
& OUR WORK FOR  
E-COMMERCE  
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**WESTERN  
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POTENTIAL**



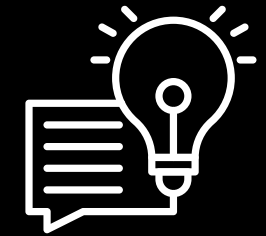
**WESTERN  
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READINESS**



**WESTERN  
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STATE OF  
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**E-RETAILERS'  
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SIZE & E-COMMERCE  
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READINESS**



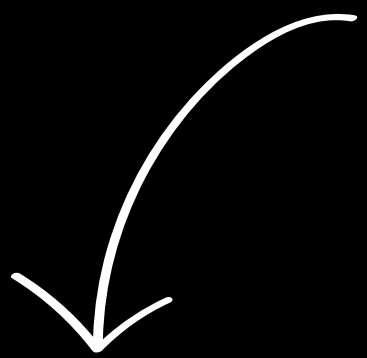
**WESTERN  
BALKANS  
STATE OF  
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**E-RETAILERS'  
EXPERIENCES &  
CHALLENGES:  
SURVEY FINDINGS**



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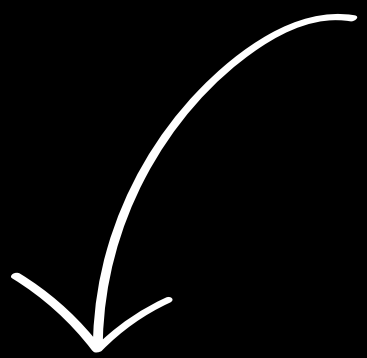
**WESTERN  
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STATE OF  
E-COMMERCE**



**E-RETAILERS'  
EXPERIENCES &  
CHALLENGES:  
SURVEY FINDINGS**



**ACTION AREAS  
& OUR WORK FOR  
E-COMMERCE  
DEVELOPMENT**



# MAPPED AREAS FOR TAKING ACTION IN WB

**01** ADVANCING DIGITAL SKILLS AND DIGITAL TRANSFORMATION IN THE WESTERN BALKANS



**02** IMPROVING THE PAYMENT LANDSCAPE FOR E-COMMERCE



**03** ENHANCING DELIVERY AND LOGISTICS INFRASTRUCTURE



**04** FOSTERING CROSS-BORDER E-COMMERCE FOR REGIONAL EXPANSION AND GROWTH OF BUSINESSES



**05** STRENGTHENING THE LEGAL FRAMEWORK AND COMBATING THE GREY ECONOMY







**WESTERN  
BALKANS MARKET  
SIZE & E-COMMERCE  
POTENTIAL**



**WESTERN  
BALKANS DIGITAL  
& E-COMMERCE  
READINESS**



**WESTERN  
BALKANS  
STATE OF  
E-COMMERCE**



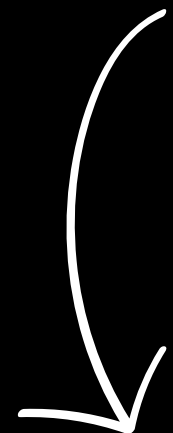
**E-RETAILERS'  
EXPERIENCES &  
CHALLENGES:  
SURVEY FINDINGS**



**ACTION AREAS  
& OUR WORK FOR  
E-COMMERCE  
DEVELOPMENT**



**E-COMMERCE**  
Macedonian Association



**WB ACTION  
AREAS**

**OUR WORK &  
IMPACT**

# OUR WORK AND IMPACT



**LOCAL LEVEL**



**REGIONAL LEVEL**

# OUR WORK AND IMPACT: LOCAL LEVEL



**ADVANCING THE E-COMMERCE OFFER  
COMPETITIVENESS OF MSME'S**

**80 MSME'S STARTED  
SELLING ONLINE**

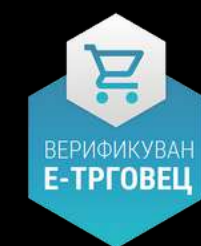


**INCREASING DIGITAL SKILLS**

**120 MSME'S INCREASED  
THEIR DIGITAL SKILLS**



**PROMOTING TRUST & ADDRESSING  
THE GREY ECONOMY**



**80+ VERIFIED  
E-SHOPS**



**CONNECTING & NETWORKING**



**RESEARCH WORK TO MAP THE  
STATE & CHALLENGES**

**WESTERN BALKAN  
E-COMMERCE  
REPORT 2024**



**USAID**  
FROM THE AMERICAN PEOPLE

**VISA**



**NLB Banka**

# OUR WORK AND IMPACT



**LOCAL LEVEL**



**REGIONAL LEVEL**

# OUR WORK AND IMPACT: REGIONAL LEVEL

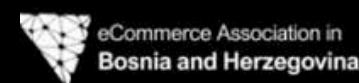
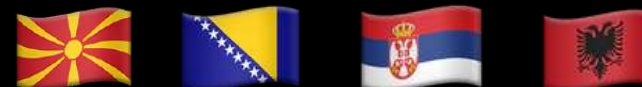
## FACILITATING CROSS-BORDER E-COMMERCE AND REGIONAL GROWTH



**UPGRADING THE RESOURCE  
AND KNOWLEDGE PLATFORM  
FOR E-COMMERCE**



**ESTABLISHED BALKAN  
E-COMMERCE ALLIANCE**



**E-COMMERCE**  
Macedonian Association



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Deutsche Gesellschaft  
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Zusammenarbeit (GIZ) GmbH

# THANK YOU!

