



Rethinking Regional Attractiveness Series:

WHAT MAKES A REGION ATTRACTIVE IN THE NEW GLOBAL ENVIRONMENT? HOW TO MEASURE AND MONITOR

Rethinking territorial development policies in the new global environment

November 29, 2021

Claire Charbit –Head of Unit Territorial Dialogue and Migration, OECD/CFE

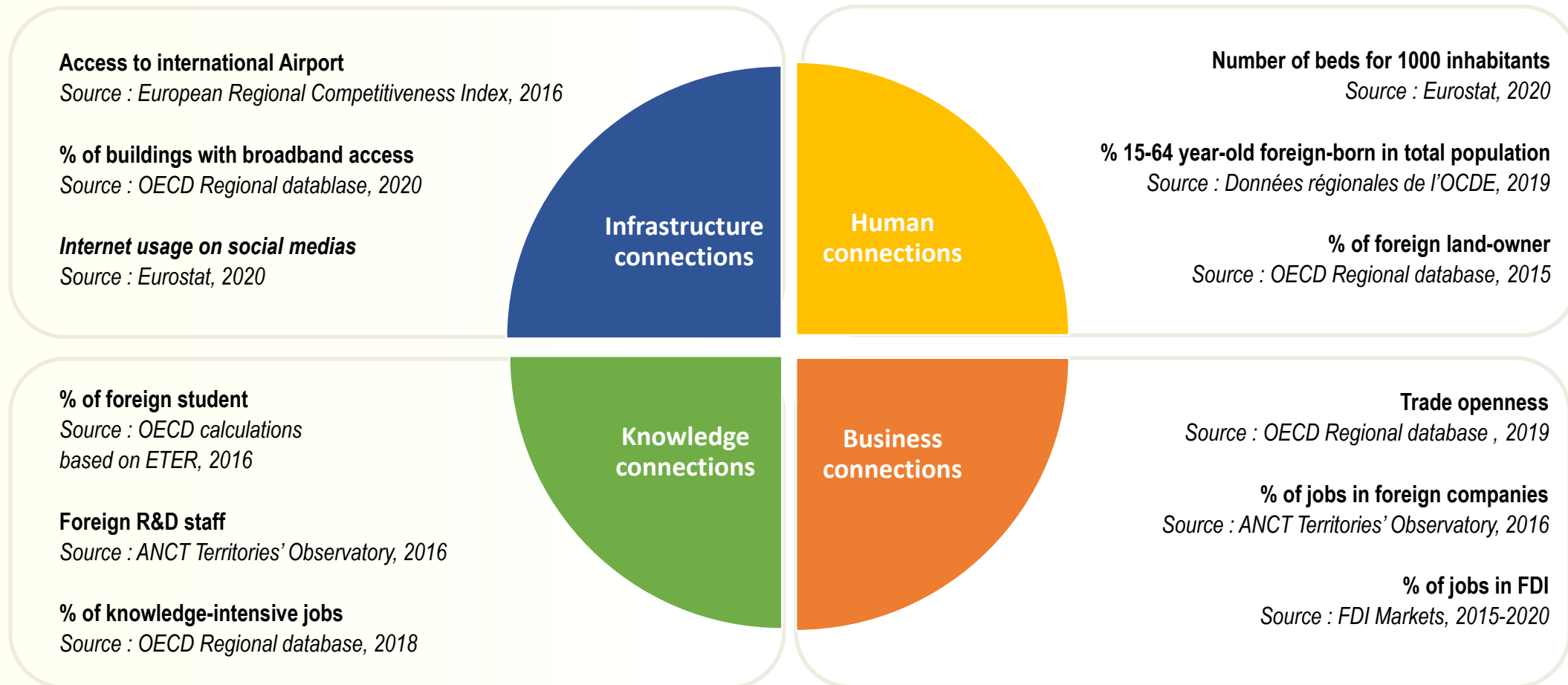
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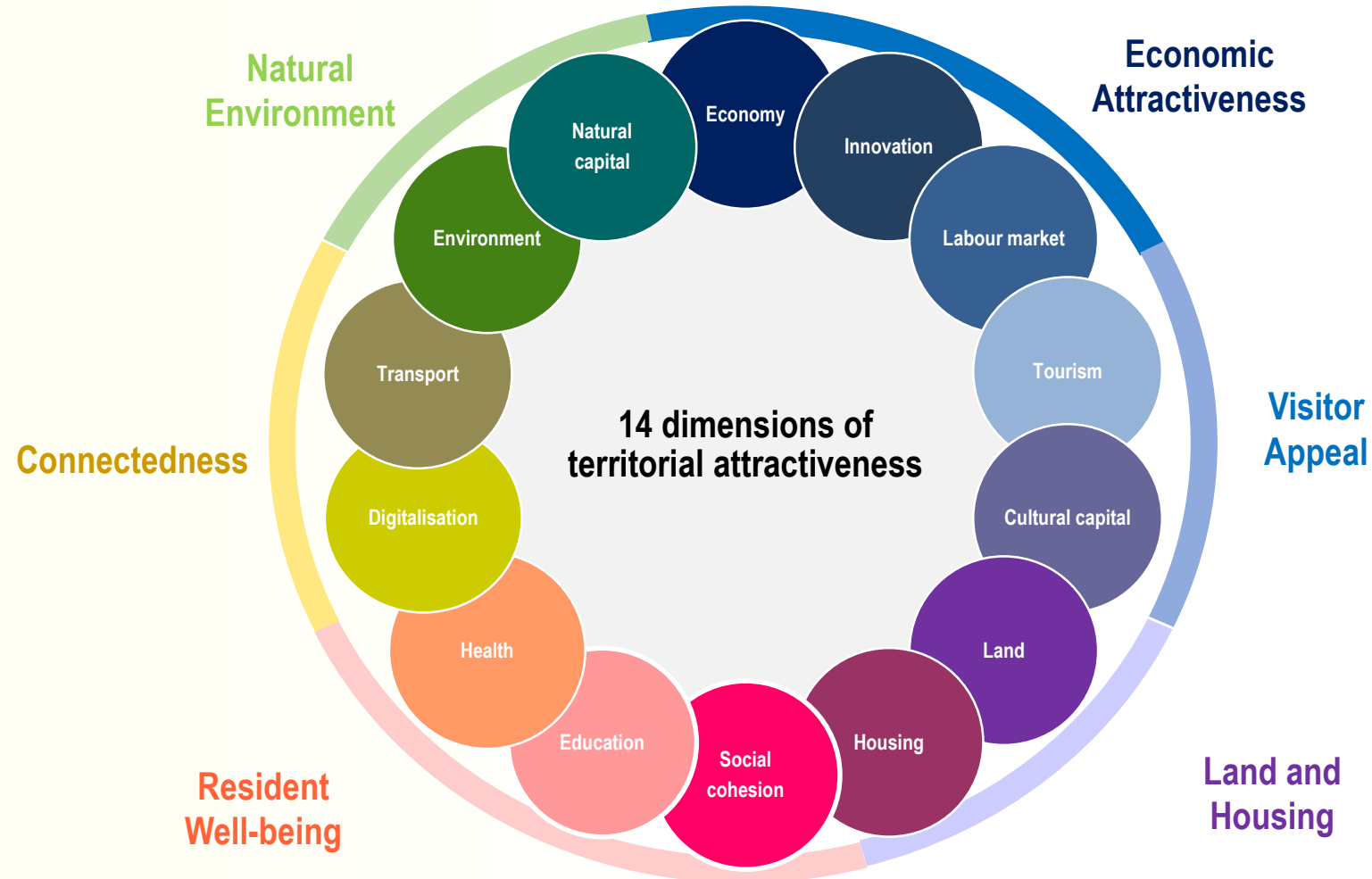


Diagnosis tool to assess the international profile of a region





Diagnosis tool to assess the attractiveness profile of a region towards investors, talent, visitors and foreign markets





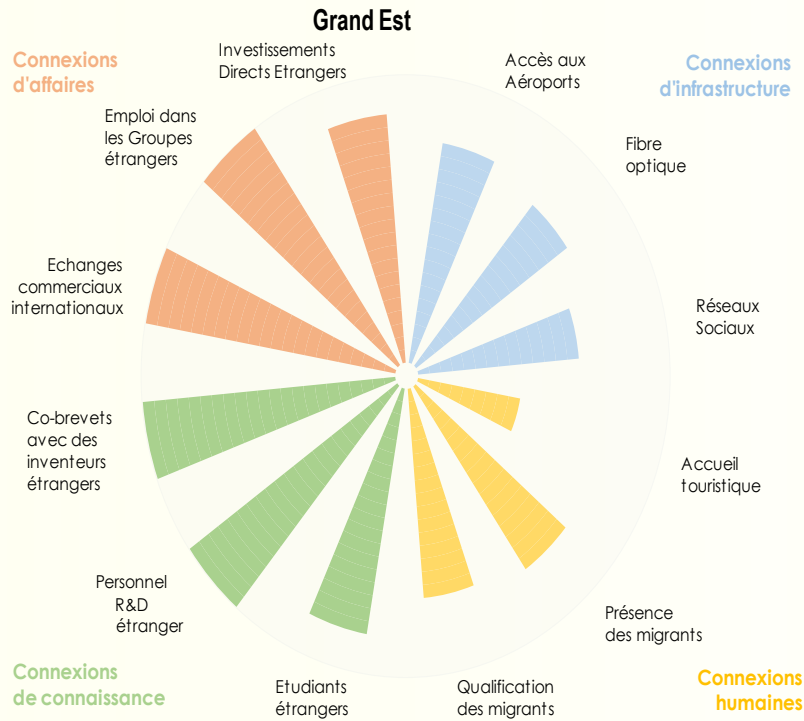
Regional attractiveness indicators towards three principal targets: investors, talent and visitors // *Example of Connectedness*

Reference indicators are highlighted in green

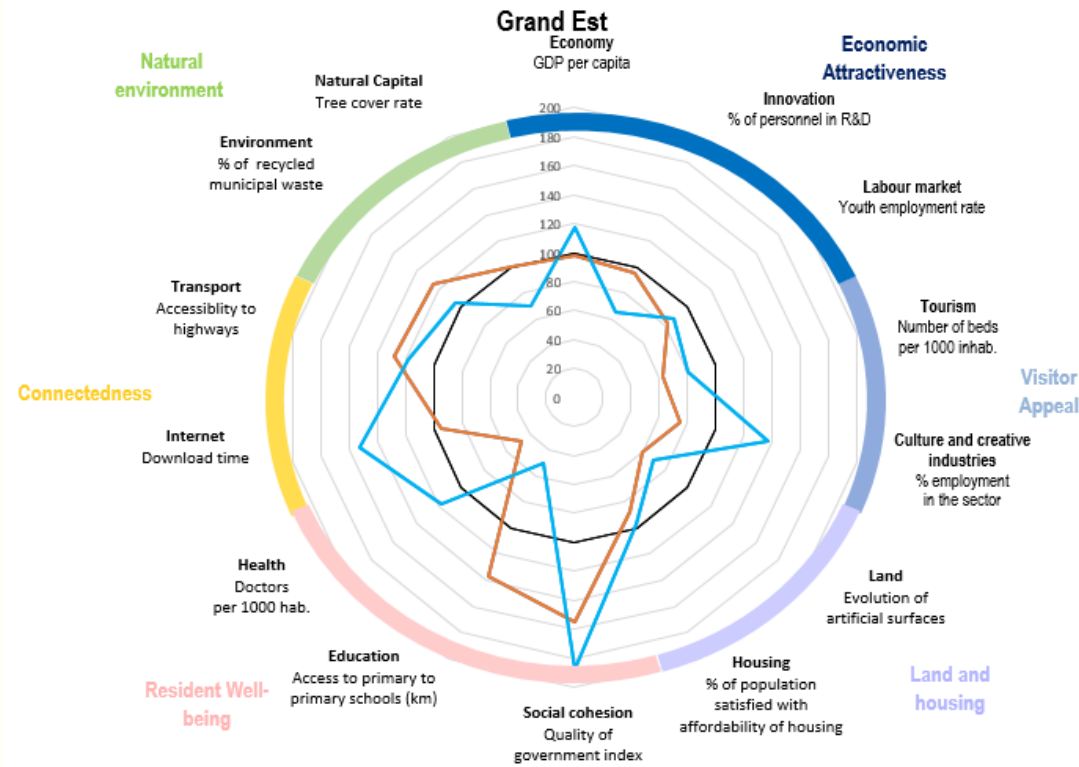
	Dimensions	Description	Indicators	Investors	Talents	Visitors	Sources ; Latest year available ; Coverage
Connectedness	<u>Digitalisation</u>	The rapid development of teleworking as a result of COVID-19 has increased the need for access to fast and stable internet connections, but in order to reap the benefits of digitalisation, access to digital infrastructure must also be accompanied by the adoption of digital technologies and a minimum of digital skills and thus improve the digital attractiveness of regions.	% of households with very high-speed access	x	x		OECD Regional database ; 2020 ; OECD regions (TL2)
			% fibre optic coverage of buildings	x	x	x	Data updated on the basis of the OECD Regions at a Glance 2020 publication; 2020 ; OECD TL2 regions
			Download time from fixed devices as % of national average time	x	x		OECD calculations based on Ookla database ; 2021 ; OECD TL2 regions
			Facebook Social Connectivity Index ³	x	x		OECD calculation based on data from the Facebook Social Connectivity Index. See details of the calculation in footnote (4).
	<u>Transportation</u>	The transport dimension measures the region's offerings in terms of quality transport networks and various modalities.	<i>Subjective:</i> % of the population satisfied with public transport, roads and highways			x	Gallup World Poll ; moyenne 2016-20 ; OECD TL2 regions
			Number of passenger flights (accessible within 90' drive)	x	x	x	European Regional Competitiveness Index 2019 ; 2016 ; EU regions (TL2)
			% of the population in a 120km radius who can reach a train station within 90 mins	x		x	European Regional Competitiveness Index 2019 ; 2016 ; EU TL2 regions
			% of the population within a 120km radius reachable by road within 90 mins	x		x	European Regional Competitiveness Index 2019 ; 2016 ; EU TL2 regions



Application to the case of France – Example of the Grand Est region



International Profile of the Region



Attractiveness profile

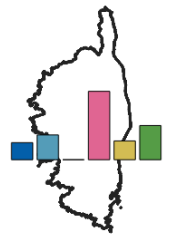
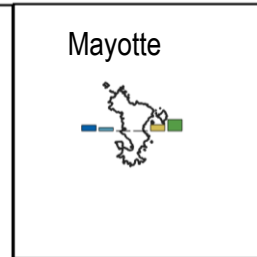
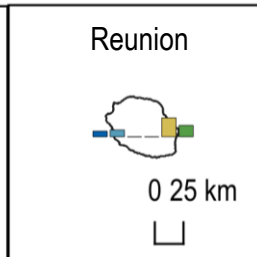
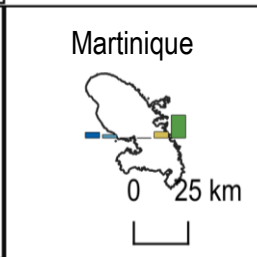
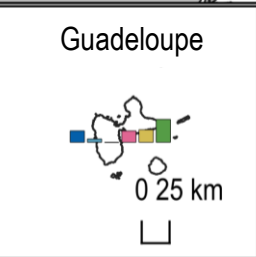
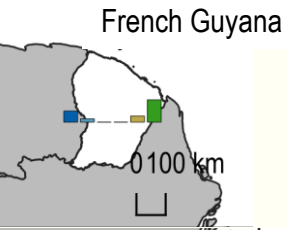
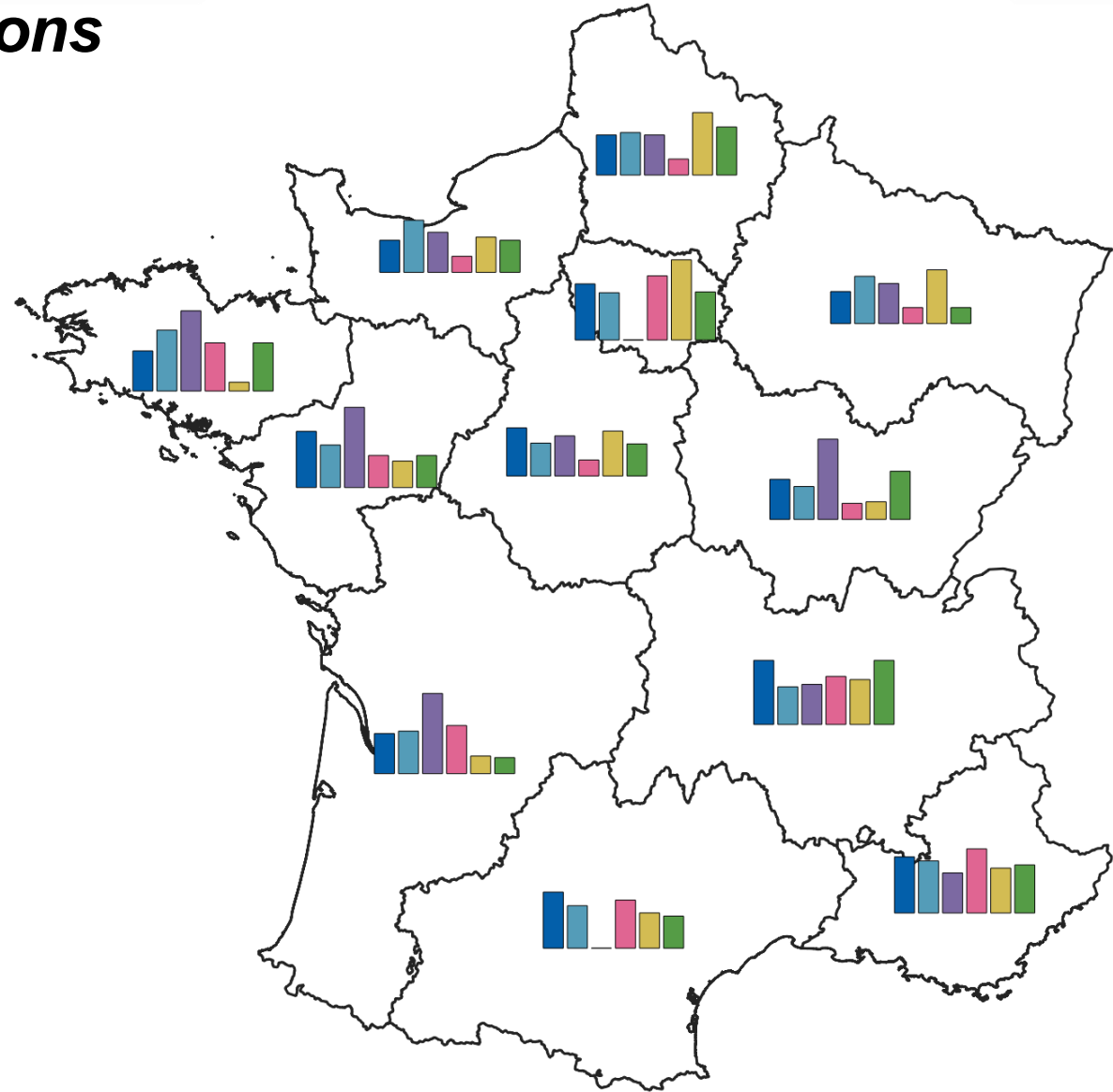


Regional website analysis – word cloud



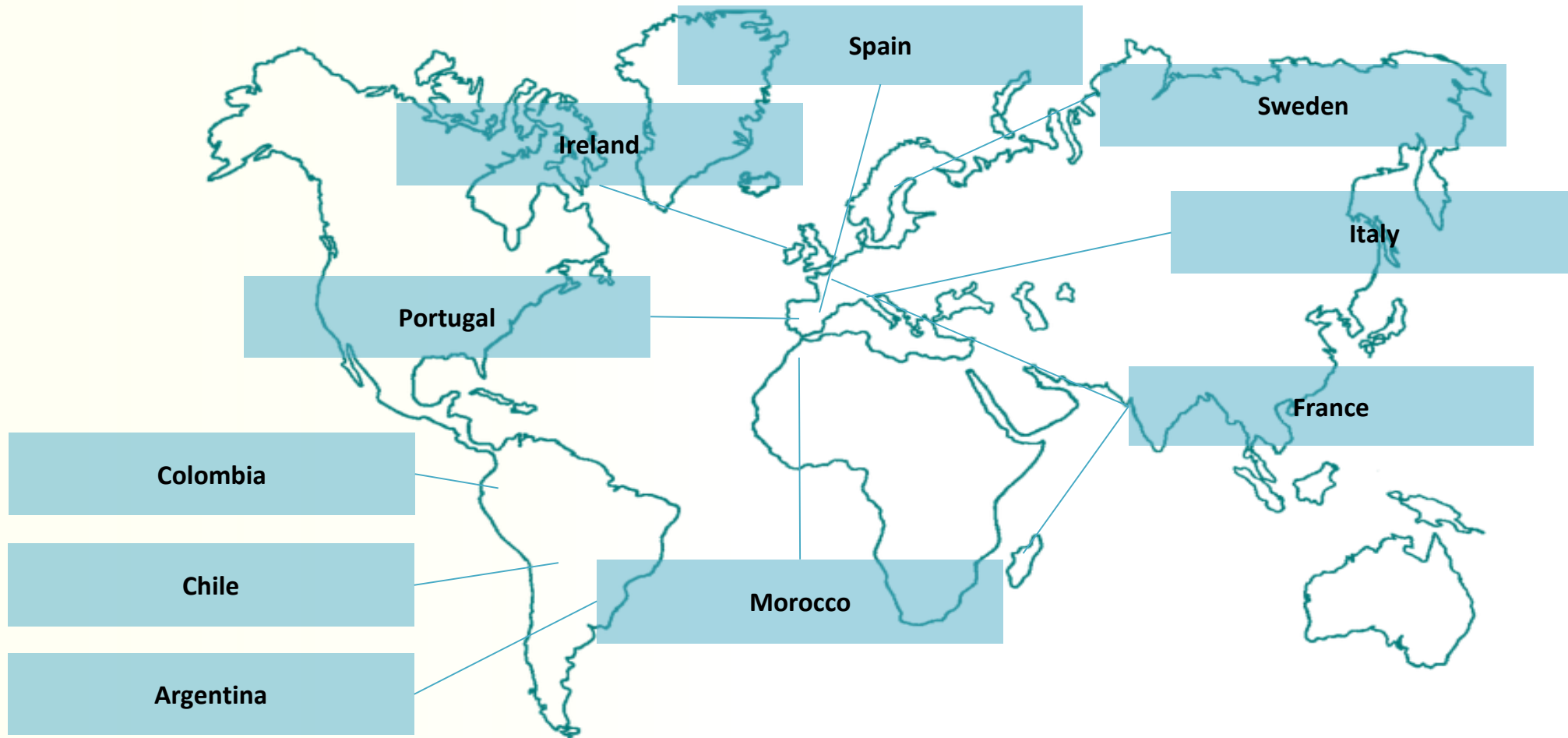
Attractiveness of French regions: *strengths compared to the average of European regions*

- Economic Attractiveness
- Visitor Appeal
- Land and Housing
- Resident Well-being
- Connectedness
- Natural Environment





OECD work on 25 Regions in Globalisation – 10 Countries



Thank you!

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What makes a region attractive in the new global environment? How to measure and monitor

1st OECD Webinar in the Rethinking Regional Attractiveness Series

29 November 2021

Pio Parma

Senior Consultant - Scenarios & Intelligence Department,
The European House - Ambrosetti



MISSION

Making available to Italian and international decision-makers an **innovative country index** — the Global Attractiveness Index (GAI) — that can portrait a **profile of the attractiveness** and sustainability of countries and, as a result, provide dependable information to aid in making system-wide choices about **growth and optimization of the pro-business environment**



Key features of the Global Attractiveness Index (GAI)

REPLICABILITY

Updated annually, thanks to the use of variables (KPI) periodically detected from main international institutions

OBJECTIVITY

Based mainly on **objective quantitative variables** derived from major international databases

ROBUSTNESS

Few proxy indicators as independent from each other as possible

SIGNIFICANCE

Focus on “results” (outputs) rather than "efforts" (inputs)

Objective: **Measuring a country’s attractiveness**,
a crucial factor in assessing its development capacity

INTERNAL

Ability to **retain resources already present**
on the territory

EXTERNAL

Ability to **attract resources not present**
on the territory

The structure of the Global Attractiveness Index 2021 (GAI)

14 years surveyed →

148 Countries (from 144 in 2020 edition) →

Global Attractiveness Index

- **Historical Index** calculation over **six years** (2015-2021), the only index with this feature
- More than **75 KPIs analysed** and tested for all Countries and for all years
- Over **900,000 data** updates and checks

A Positioning Index (PI)

Openness

Innovation

Efficiency

Endowment

B Dynamicity Index (DI)

Δ Openness

Δ Innovation

Δ Efficiency

Δ Endowment

C Sustainability Index (SI)


Resilience

Vulnerability

D Growth Expectations

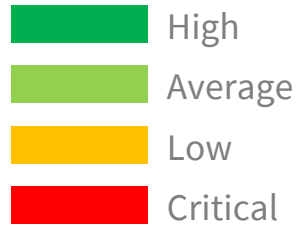
Introduced in 2021

GAI's Key Performance Indicators (KPIs) of attractiveness

Openness	Innovation	Efficiency	Endowment	Resilience	Vulnerability	Growth expectations
<ol style="list-style-type: none"> (FDI flows + Country's investments abroad), vs. world tot. (Export+ Import), vs. world tot. (Foreign tourists + national tourists abroad), vs. pop. Foreign university students, vs. youth pop. Number of migrants, vs. pop. 	<ol style="list-style-type: none"> Employed in high-tech sectors, compared with employed Export of high-tech goods, compared with world total Technological endowment index Number of scientific publications, vs. world total Internet users, % of population 	<ol style="list-style-type: none"> Unemployment rate Logistics Performance Index Total Factor Productivity Rule of Law Index Total Tax Rate 	<ol style="list-style-type: none"> Gross Domestic Product, vs. world total Gross National Product (GNP) per capita Gross Fixed Investment, vs. GDP Natural Resource Index College graduates, compared vs. world total PISA Test Score 	<ul style="list-style-type: none"> Human Development Index Global Peace Index World Giving Index Life expectancy at birth Avg. years of school attendance Income of wealthiest 10% Gender inequality index 	<ul style="list-style-type: none"> Debt/GDP Inflation rate Market concentration index Suicide rate, % total pop. Population exposed to risk of poverty, % total population People affected by natural disasters per 1,000 people Working Poverty Rate Pollution deaths, every million inhabitants CO₂ emissions per capita Energy share from renewable sources 	<ul style="list-style-type: none"> Population share of working-age people, 20 years forecast GDP (% vs. world tot.), 5 years forecast GDP per capita, 5 years forecast University enrolment (% vs. total pop. in school-age) Unemployment rate, 5 years forecast <p style="text-align: center;">  New sub-Index 2021 </p>

Top 20 GAI 2021 Countries draw almost 30% of global attractiveness

Legend



Index range from
1=min to 100=max

	GAI rank 2021	GAI score 2021	GAI rank 2020	GAI score 2020	Dynamicity 2021	Sustainability 2021	Growth Expectations
USA	1	100.00	1	100.00	Critical	High	Low
Germany	2	93.30	2	97.93	Critical	High	Low
China	3	91.55	3	91.79	Average	Low	High
Japan	4	89.61	4	88.62	Low	Low	Low
UK	5	89.03	7	83.30	Critical	High	High
Singapore	6	84.84	6	83.30	Critical	Average	High
Hong Kong	7	82.82	5	84.71	Critical	High	Average
Korea	8	81.26	8	81.54	Low	High	High
Arab Emirates	9	77.66	10	76.31	Average	Average	Critical
France	10	76.19	9	77.84	Critical	High	High
Canada	11	72.13	12	72.51	Critical	High	High
Australia	12	71.54	13	70.17	Low	High	Low
Switzerland	13	69.62	15	65.45	Critical	High	Average
Denmark	14	68.71	14	65.95	Low	High	Low
Netherlands	15	65.18	11	72.93	Critical	High	Low
Ireland	16	64.12	16	63.86	Average	High	Low
Austria	17	62.73	17	61.16	Critical	High	Average
Luxembourg	18	62.71	22	57.39	Average	High	Low
Sweden	19	61.55	19	58.82	Critical	High	Critical
Italy	20	61.32	18	59.50	Average	High	High

Source: Global Attractiveness Index, 2021



Today, the Global Attractiveness Index has been...



Introduced in **10 Countries**
and to the **European Commission**



Included in the set of indexes monitored by
4 Governments



Supported by **international Institutions of research:**
The Joint Research Centre and the European Political Strategy Centre



Introduced at the **OECD** in Paris and included among the official indexes of the OECD



Introduced to over **10,000 CEOs and investors** focused on Italy's placement on Country-ratings

Introduced as preview to **all Country Governments** in formal and informal meetings, to the Parliamentary Commissions and in 4 editions of the Forum The European House – Ambrosetti in Cernobbio, on Como Lake

The European House - Ambrosetti has applied and adapted the methodology of the national Global Attractiveness Index **on a local scale** in order to measure the positioning of Italian territories (**Regions/Provinces**) as an attractive and competitive destination for the settlement of **companies, people and investments**, also considering the expected impacts of the pandemic on the local socio-economic system

Some examples of implementation of the national GAI methodology on a local scale (on-going projects)



REGIONE LIGURIA

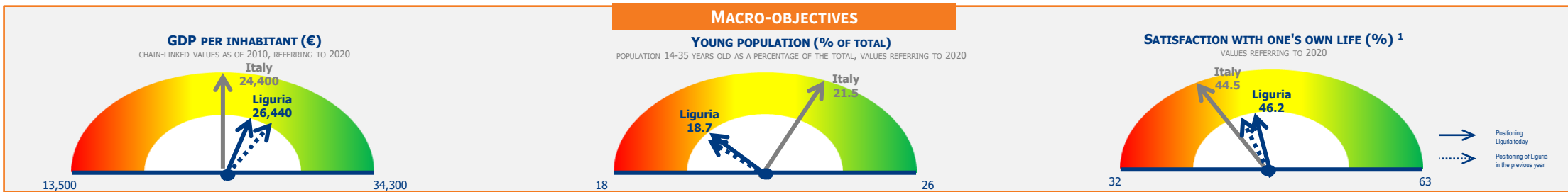


Regione Toscana



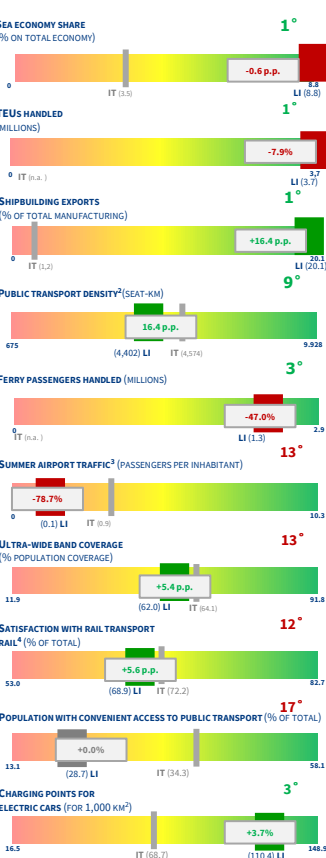
REGIONE
BASILICATA



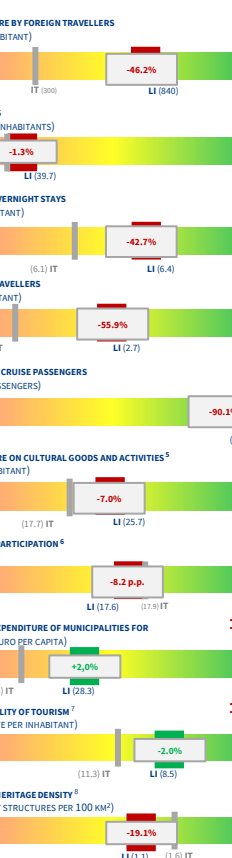


All KPIs are updated to 2020 according to official data or according to estimates by The European House - Ambrosetti in case of unavailability of data.

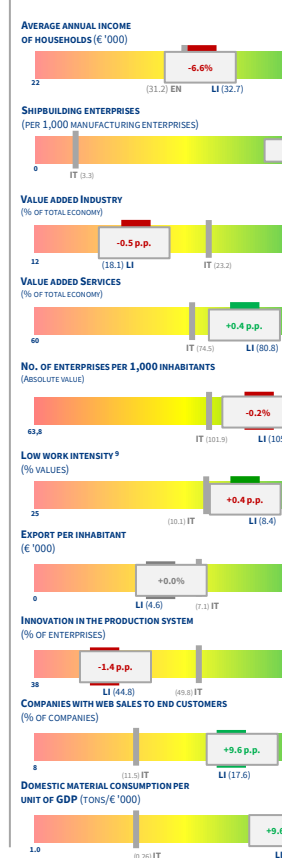
TRANSPORT AND INFRASTRUCTURE



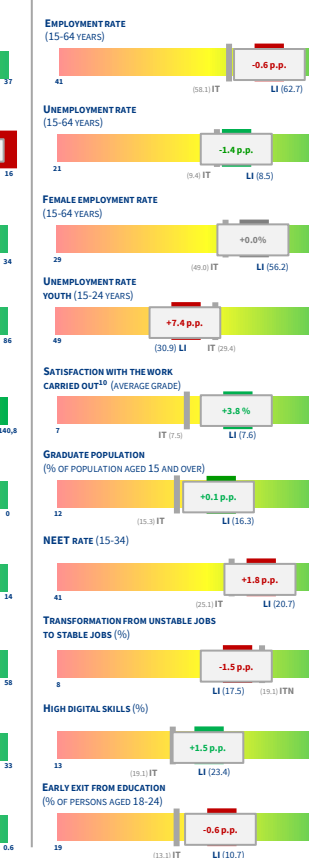
TOURISM AND CULTURE



PRODUCTION STRUCTURE



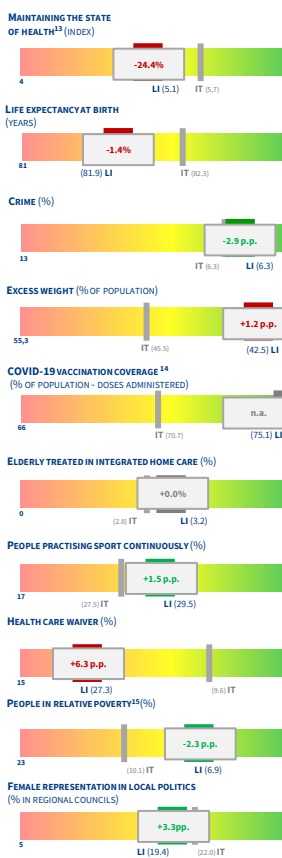
WORK AND TRAINING



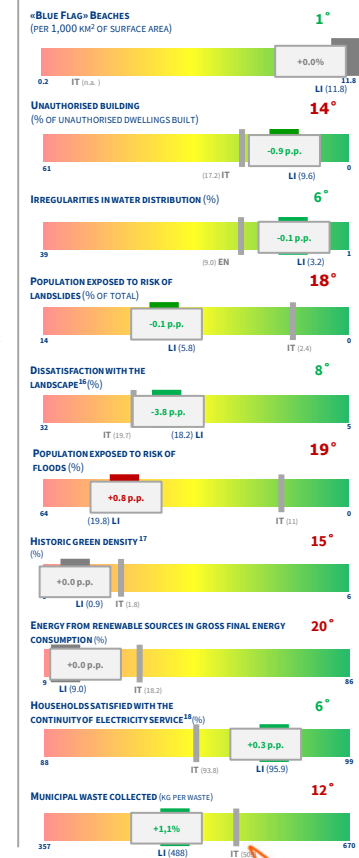
INNOVATION AND RESEARCH



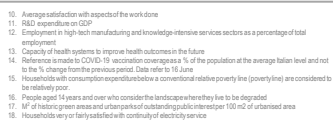
HEALTH AND SOCIETY



ENVIRONMENT AND TERRITORY



Note: Data refer to the year 2020. Changes are expressed in relation to 2019.
Sources: AGENAS, Anasport, Anasport Bank of Italy, CRESME, Istat, OFPA, Ministero Sanità, Ministry of Health, MISE, Unicommerce, 2021
1. % of people who express dissatisfaction with the between 8 and 10 out of the total number of people aged 14 and over
2. Peak in tonnes offered by modalities of transport
3. Passengers handled in May, June, July, August and September are taken into account
4. Average number of people satisfied with the service characteristics over total number of service users
5. Expenditure on the production and development of cultural goods and activities
6. Average participation of people aged 14+ in cultural activities
7. Measure the contribution of the tourism sector to the production of municipal waste
8. Measure the number of permanent exhibition facilities per 100 km² (museums, archaeological sites and monuments open to the public, weighted by the number of visitors)
9. Persons 18-59 years old living in households where the ratio of the total number of months worked by household members during the reference year to the total number of months theoretically available for employment is less than 0.20
10. Average satisfaction with aspect of the work done
11. GDP in innovative sector
12. Employment in high-tech manufacturing and knowledge-intensive services sectors as a percentage of total employment
13. Capacity of health systems to improve health outcomes in the future
14. Reference is made to COVID-19 vaccination coverage as a % of the population at the average health level and not to the % change from the previous period. Data refer to 14 June
15. Households with consumer expenditure below a conventional relative poverty line (poverty) are considered to be relatively poor
16. People aged 14 years and over who consider the landscape as they live to be degraded
17. % of historic green areas and urban park of sustainable public interest per 100 km² of urbanized area
18. Households very or fairly satisfied with continuity of electricity service



Positioning of Liguria in the regional ranking (green = among the first 10 Italian regions, red = among the second 10)

Maximum KPI value between Italian regions or in the EU

3°

Positioning of Liguria today

Minimum KPI value between Italian regions as of IT

KPI value in Italy

KPI value in Liguria

The Tableau de Bord of territorial attractiveness allows to monitor the progress achieved on a set of key dimensions

- The Tableau de Bord of territorial attractiveness enables decision-makers and policy-makers to understand and monitor, according to criteria of comparability over time, the **performance** expressed by a specific territory on:
 - **“Macro-objectives”** associated to the most relevant and/or strengthening areas deriving from the analysis of the structural dynamics of the territory
 - A portfolio of **key operational domains**
- When integrated with local planning tools (Regions, Provinces, Municipalities), this Tableau de Bord allows to:
 - **Monitor the evolution** of the territory over time in terms of priority macro-areas and specific indicators in comparison with other comparable areas (peers)
 - Identify **priority areas of intervention** (dimensions of weakness compared to other territories or with a critical performance)
 - Activate **corrective actions** in the medium-long term

Thanks for your attention

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Again in 2021, for the eighth consecutive year, **The European House – Ambrosetti was named** – in the category “Best Private Think Tanks” – **the no. 1 think tank in Italy, the no. 4 think tank in the European Union and among the most respected independents in the world out of 11,175 on a global level in the latest “Global Go To Think Tanks Report” of the University of Pennsylvania.**



YOUTHFUL CITIES



We want every city to be a more youthful place to live work and play by focusing on what youth need to thrive and embracing the attitudes that youth offer.



YOUTHFUL CITIES

Youth
(15-29 yrs)

Cities

Information

Action

Since 2012

In 80+
cities so far

youth

youthful



according to 30,000 youth in 75 cities in all regions of the world

youthful =

Inventive

Connected

Curious

Dynamic

Open

Playful

A woman is seen in profile on the left side of the frame, looking at a tablet computer. The background is dark with several out-of-focus, colorful bokeh lights in shades of red, orange, and green. The text is overlaid on the right side of the image.

a youthful city/region brings:

**prosperity
adaptability
openness
entrepreneurship
happiness
growth**

Then Covid-19 hit

Inventive

Connected

Curious

Dynamic

Open

Playful

Grave

Inept

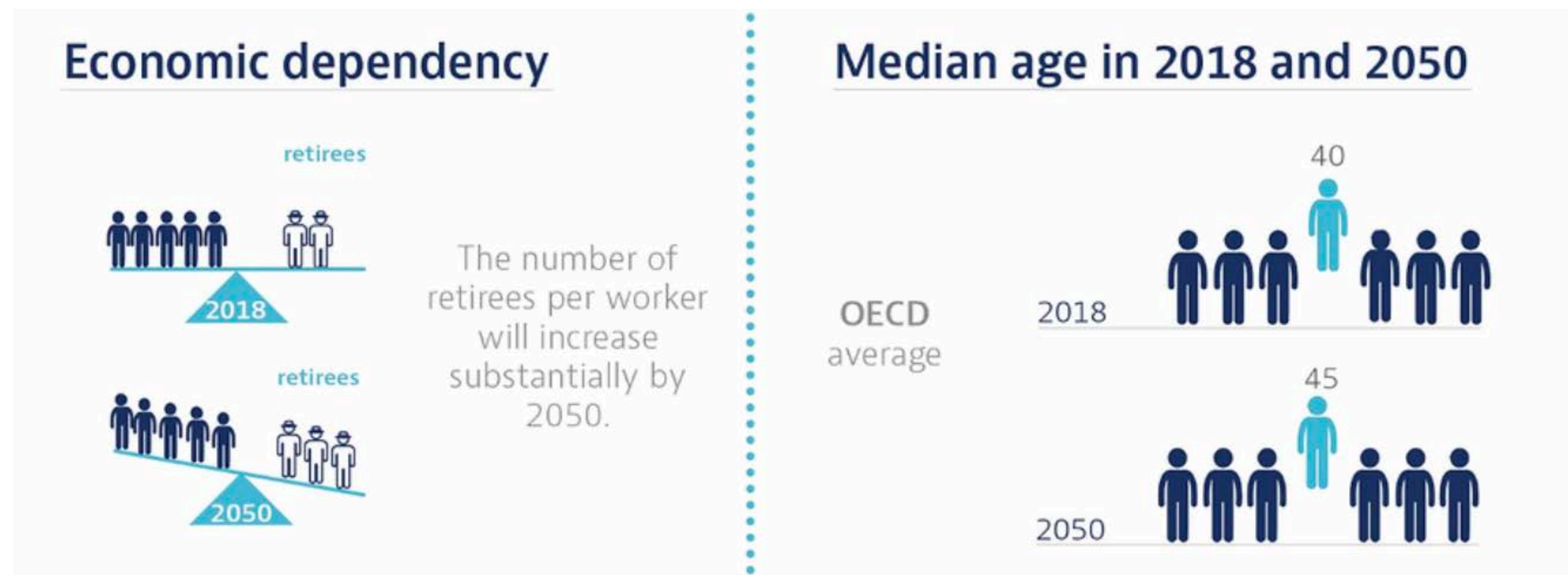
Idle

Indifferent

Isolated

Closed

“A new sales pitch is needed for domestic and foreign **YOUTH** talent”



What do youth need in cities?

Civic Engagement

Digital Access

Economic Growth

Public Built Space

Diversity + Inclusion

Affordability

Creative Arts + Design

Food, Restaurant +
Nightlife

Live

Work

Education + Training

Play

Climate Action

Public Safety

Good Jobs

Shopping +
Entertainment

Public Green Space

Public Transportation

Entrepreneurship

Public Health

Financial Services

Sports + Recreation

Travel + Tourism

WELCOME TO THE YOUTHFUL CITIES 2021 URBAN WORK INDEX

WHERE SHOULD YOU WORK?

OÙ DEVRIEZ-VOUS TRAVAILLER?



presented by
Future Launch

27

CITIES

76

INDICATORS

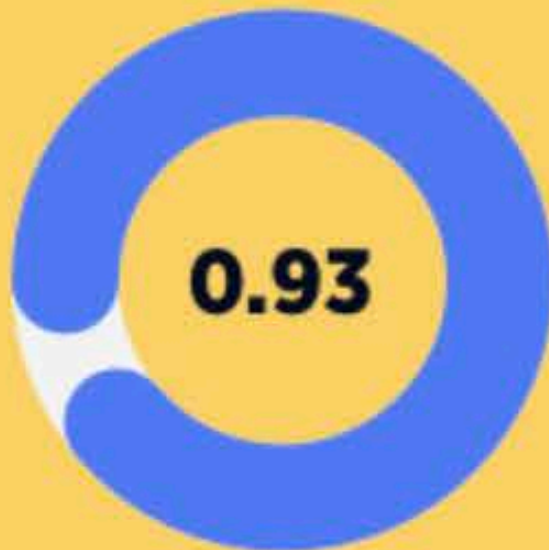
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POINTS OF DATA ¹¹

TOPICS IN THE URBAN WORK INDEX

Based on their importance to youth

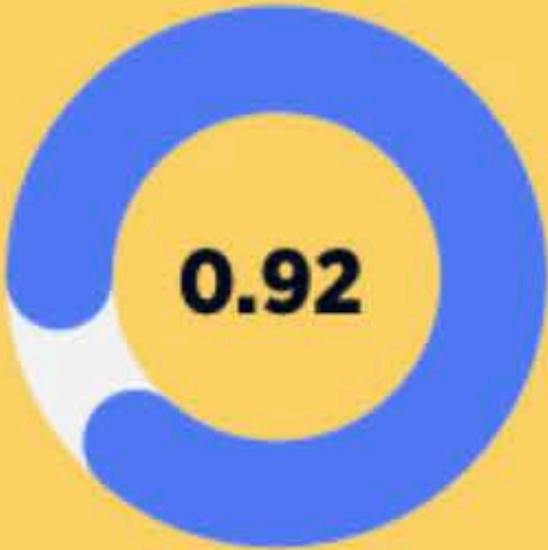
The importance of these topics to youth 15-29 are captured through a weighting out of 1.00.



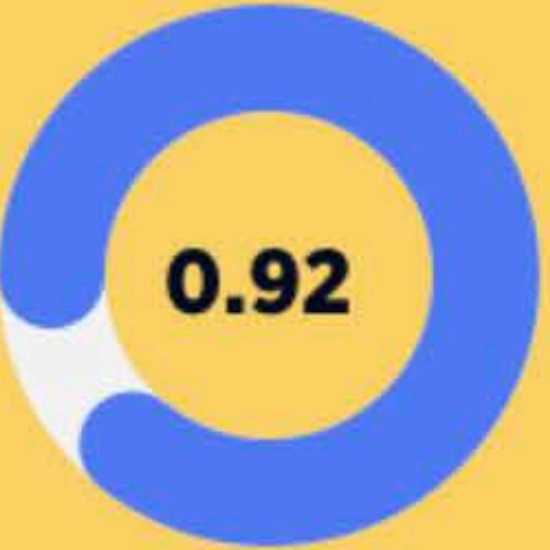
GOOD YOUTH JOBS



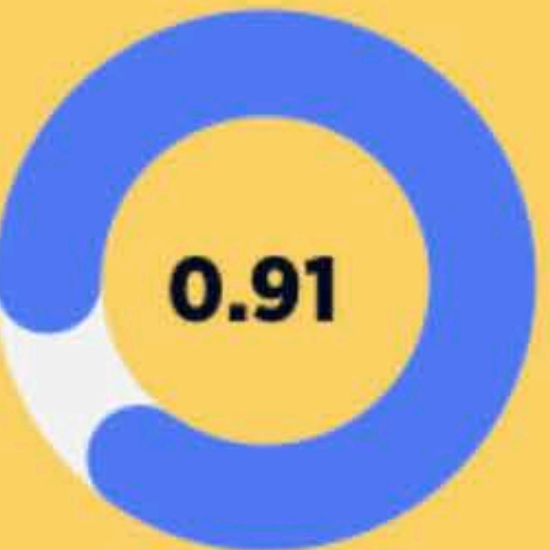
PUBLIC HEALTH



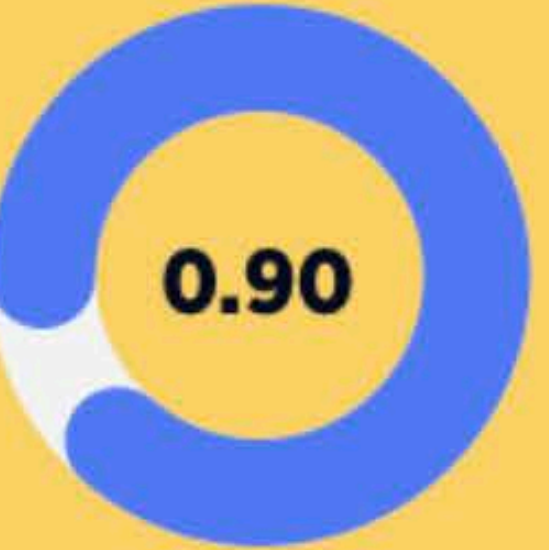
INCOME GENERATION



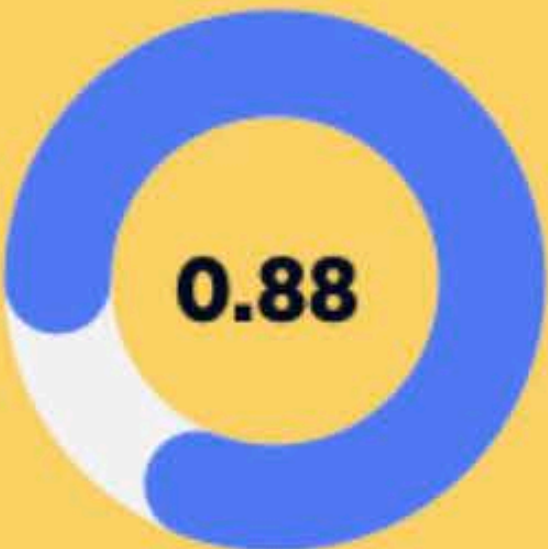
COST OF LIVING



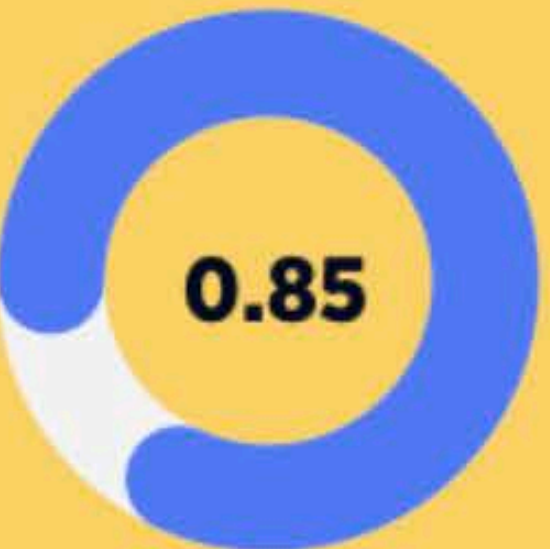
EDUCATION + TRAINING



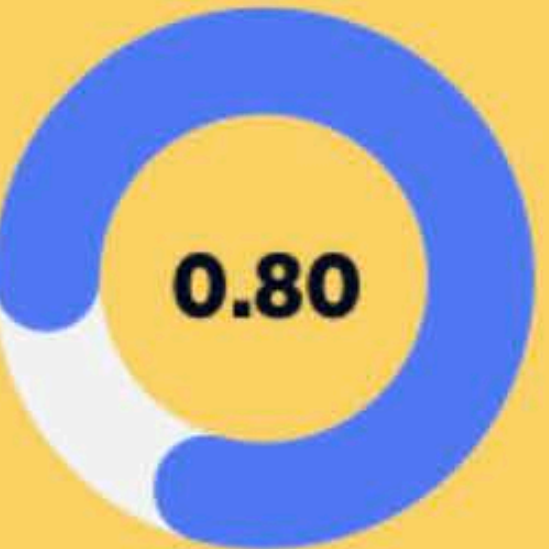
EQUITY + INCLUSION



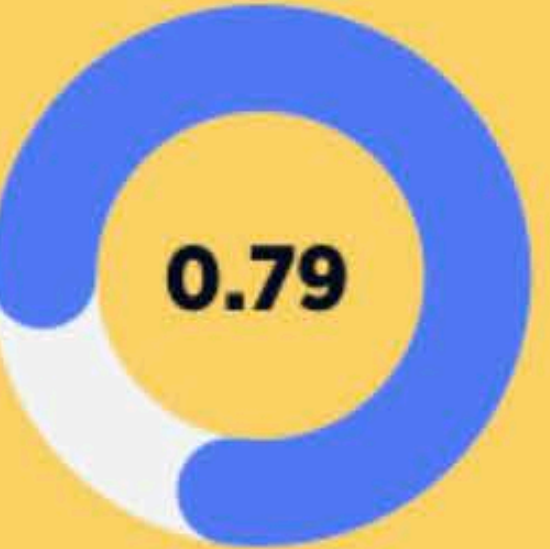
CLIMATE CHANGE



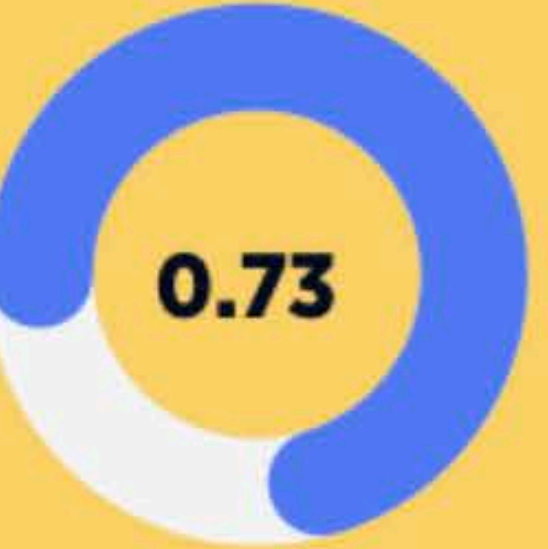
PUBLIC
TRANSPORTATION



DIGITAL ACCESS



CITY ECONOMY



ENTREPRENEURIAL
SPIRIT

Example Indicators

Costs

1 bedroom apartment Cost per month in \$ -
City centre, Scaled to minimum wage of each
city respectively

Rates

% of Full Time Youth Employment

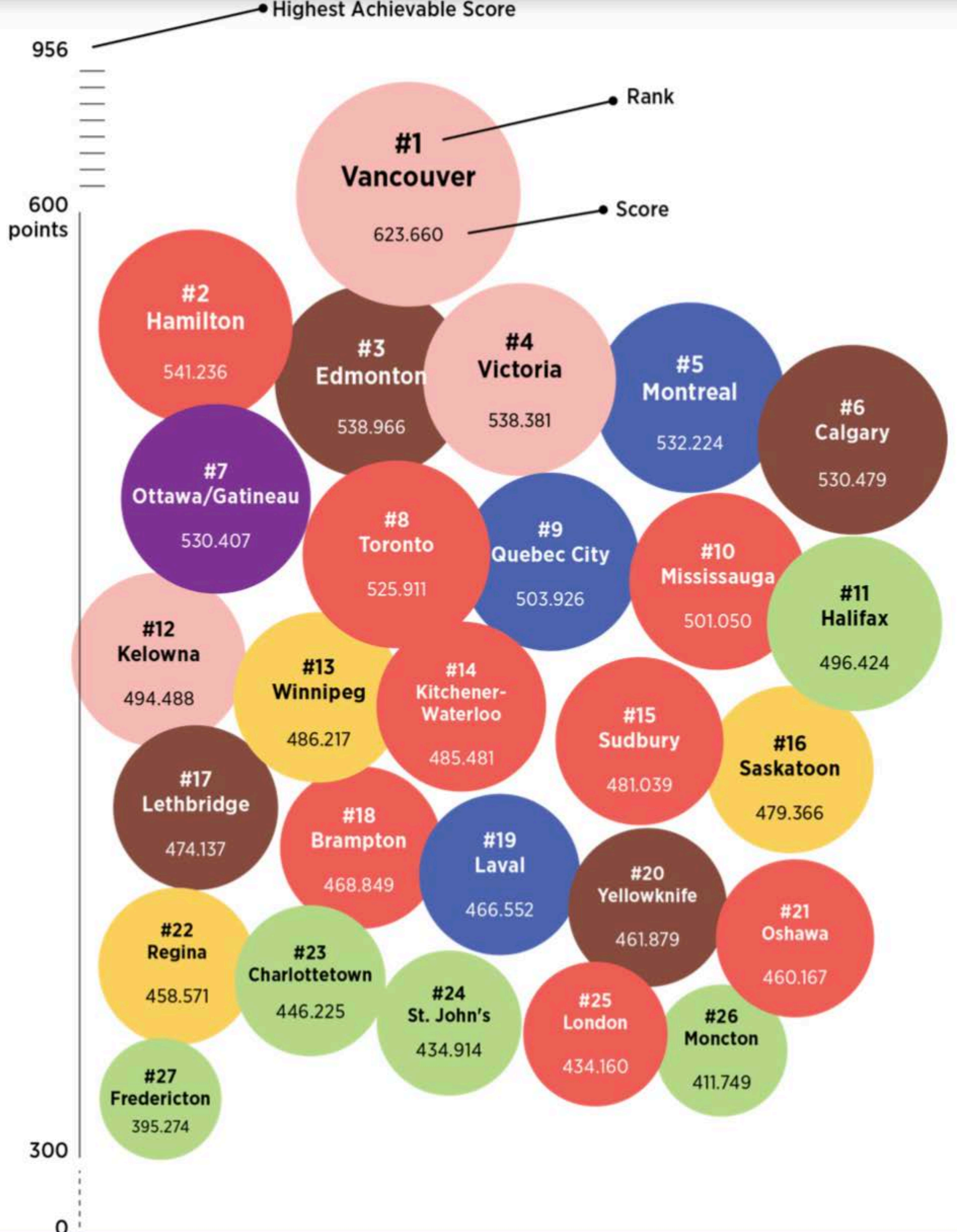
Counts

hours per week dedicated public transit operates

Scales

Yes or No (1 or 0):

1. Does open urban data exist?
2. Is it available in bulk?
3. Is it easy to download the whole dataset?
4. Is it in spreadsheet form? (.csv or .xls - not .pdf)
5. Is open data publicly available?
6. Is open data free of charge?



#1 place for youth to work in Canada

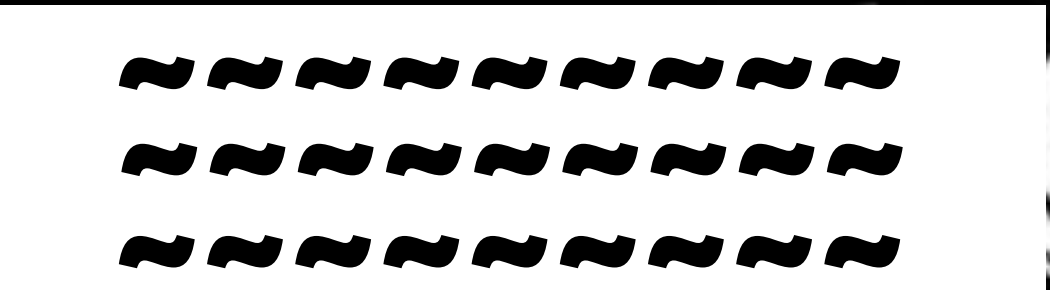
Vancouver



The Pivot Hub **highlights** youth-driven data and insights about important topics relating to Canadian cities as they emerge from COVID-19.

Check out the tutorial videos!

WHAT HAPPENS NEXT?

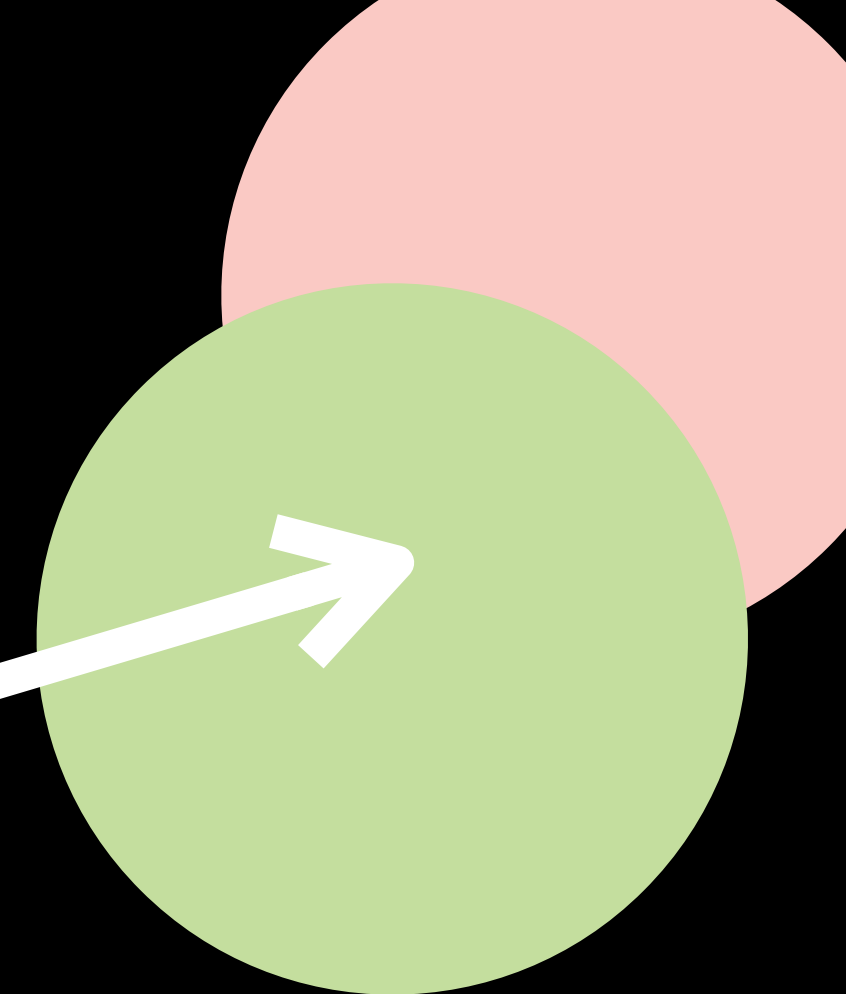


20%
OF GEN Z
FORMATIVE YEARS

PRE-COVID

COVID-19

POST-COVID



GENZ WILL BE THE BELLWETHER FOR WHAT'S NEXT

Which way will they tilt?

RESILIENCE ←

→ **TRAUMA**

CONNECT ←

→ **COCOON**

TRUST ←

→ **DOUBT**

shaping future markets and workplaces, consumers and employees



MORE YOUTHFUL CITIES

**This world demands the qualities of youth:
not a time of life but a state of mind,
a temper of the will, a quality of imagination,
a predominance of courage over timidity,
of the appetite for adventure over the life of ease.**

DAY OF AFFIRMATION ADDRESS, UNIVERSITY OF CAPETOWN, CAPETOWN, SOUTH AFRICA, JUNE 6, 1966

Robert F. Kennedy



YOUTHFUL CITIES

Contact:
Robert Barnard
robert@youthfulcities.com

Magallanes & Antartctica Chilena Region PATAGONIA - CHILE



Magallanes & Antartctica Chilena Region

PATAGONIA - CHILE

- The Magallanes and Chilean Antarctic Region is one of the 3 most important tourist destinations in the country along with Easter Island and San Pedro de Atacama.
- The Magallanes & Antarctica Region is the biggest region in the country with 132.291 km² and the second less populated with 165.593 inhabitants (2017).
- In 2019, Tourism generated a contribution to the national GDP (gross domestic product) of 3.3%, while in the Magallanes Region it generated the 10%.
- In 2018, more than a million arrivals were made by sea, air and land where the composition of visitors is 50% national and 50% foreign travellers.
- Main international markets of origin: United States, Germany, United Kingdom, France, Spain and Brazil, among others.

CHALLENGES

- Breaking seasonality, generating year-round tourism
- Diversify the destination
- Develop sustainable tourism in the territory
- Increase employment, training and preparing our young people
- Strengthen the Promotion and Marketing campaigns.
- Tourism as a development engine for local communities

IMPORTANCE OF DATA for Strategic Planning:

- Efficient use of resources
- Decision making for both the public and private sectors
- Segmentation of markets and travellers, defining more precisely which markets to invest in (What / How / When).
- Raise the profile of the traveller: what are they looking for, what motivates them to choose a destination
- Public Investments: infrastructure, connectivity, basic services, communications, security
- Investments from the private world: new ventures.

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