



GLOBAL ATTRACTIVENESS INDEX 2019-2020 The thermometer of a country's attractiveness



Valerio De Molli

Managing Partner & CEO, The European House – Ambrosetti

For the seventh consecutive year, The European House - Ambrosetti has been nominated - in the "Best Private Think Tanks" category - the No. 1 Think Tank in Italy, ranking in the European top ten and ranking in the World top one-hundred independent out of 8,248 Think Tanks globally, in the University of Pennsylvania 2019 "Global Go To Think Tank Index Report"

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Agenda

Introduction

- The results of the Global Attractiveness Index 2019
- Where are we now? Evidences and perspectives during the Covid pandemic



The European House – Ambrosetti: overview

- The European House Ambrosetti, established in 1965, is a consultancy firm and independent Think
 Tank headquartered in Italy with offices world-wide
- For the 7th consecutive year, The European House Ambrosetti has been nominated the No. 1 Private

 Think Tank in Italy, ranking in the European top-10, among top 20 in the World and ranking in

 the World top-100 most-esteemed independent out of 8,248 Think Tanks globally, in the University

 of Pennsylvania 2019 Global Go To Think Tank Index Report, after conducting a survey among 70,000

 leaders in institutions, businesses and media, in more than 100 countries worldwide
- The European House Ambrosetti provides:
 - Strategy, management consulting and corporate finance services
 - Strategic scenarios and research, policymaking and advocacy (more than 110 every year)
 - Territorial development activities to regional governments and main local players (more than 50 projects in the last 3 years)
 - Forums and top-executive education programs (more than 300 events per year, with more than 2,000 experts from different area of the world)



The European House – Ambrosetti

Our figures, our successes



(*) in the last edition of the "Global Go To think tanks Report" of the University of Pennsylvania

countries worldwide (*)

represented



INDICES



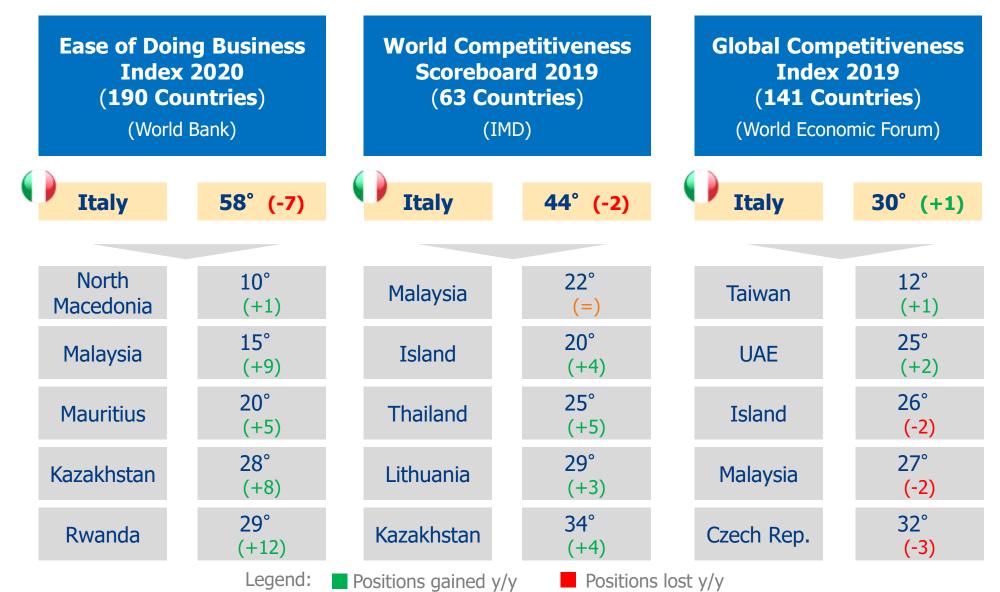
The European House - Ambrosetti Working Group has identified over 600 Indices worldwide and has a detailed database for 150 world rankings

Regional Economic Growth Index – LaSalle

Examples **Ease of Doing Business Index** – World Bank COMPETITIVENESS INDICES **Global Competitiveness Index** – World Economic Forum **World Competitiveness Scoreboard** – IMD Examples **Global Manufacturing Index** – Deloitte **Global Talent Competitiveness Index** – INSEAD **Corruption Perceptions Index** – Trasparency International **SPECIFIC AREAS INDICES Global Innovation Index** – INSEAD **Social Progress Index** – Social Progress Imperative **Global Peace Index** – Institute for Economics and Peace **Press Freedom Index** – Reporters without borders Examples **Regional Competitiveness Index** – European Union

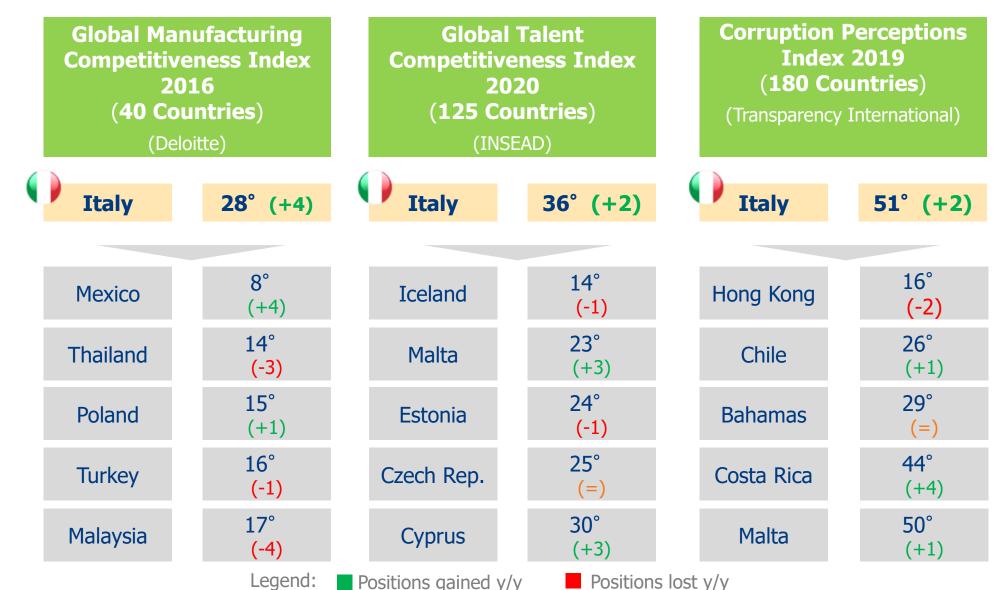


Italy's positioning in the latest rankings: competitiveness indices



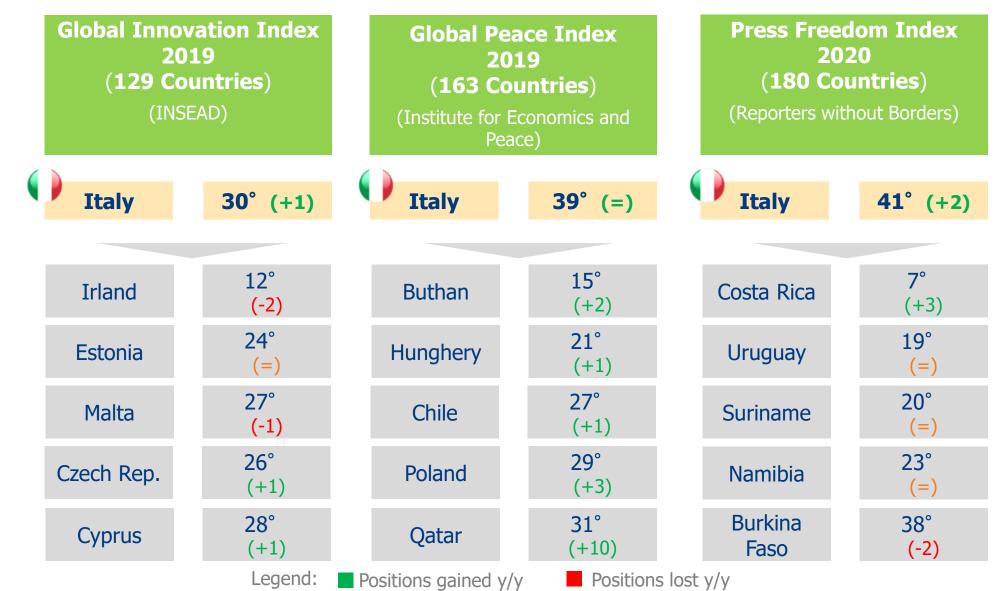


The positioning of Italy: indices on specific areas (1/2)





The positioning of Italy: indices on specific areas (2/2)





In these indicators the average position of Italy is 39

As it will be demonstrated in the following charts,

Italy should rank 16



Evidences of the nonsense of these rankings which place some countries ahead of Italy

- Rwanda: only 29.4% of the population had access to electricity in 2016 and 31% of the economy still
 depends on the primary sector
 - 29 positions ahead of Italy in the Ease of Doing Business Index 2020
- Malaysia: agriculture still produces 11% of GDP and per capita income is \$ 9,944
 - 3 positions ahead of Italy in the Global Competitiveness Index 2019
- Kazakhstan: the economy strongly depends on the oil and gas sector (35% of GDP and 75% of exports)
 - 30 positions ahead of Italy in the Ease of Doing Business Index 2020 and 10 in the World Competitiveness Scoreboard 2019
- **Poland**: the EU Commission activated Article 7 of the Lisbon Treaty against Poland for adopting 13 laws that have put democracy at risk in the past two years
 - 10 positions ahead of Italy in the Global Peace Index 2019
- Burkina Faso: the first democratic elections were held only in 2015
 - 3 positions ahead of Italy in the Press Freedom Index 2019



Some factual statistical evidence raises doubts about the reliability of commonlyused attractiveness rankings

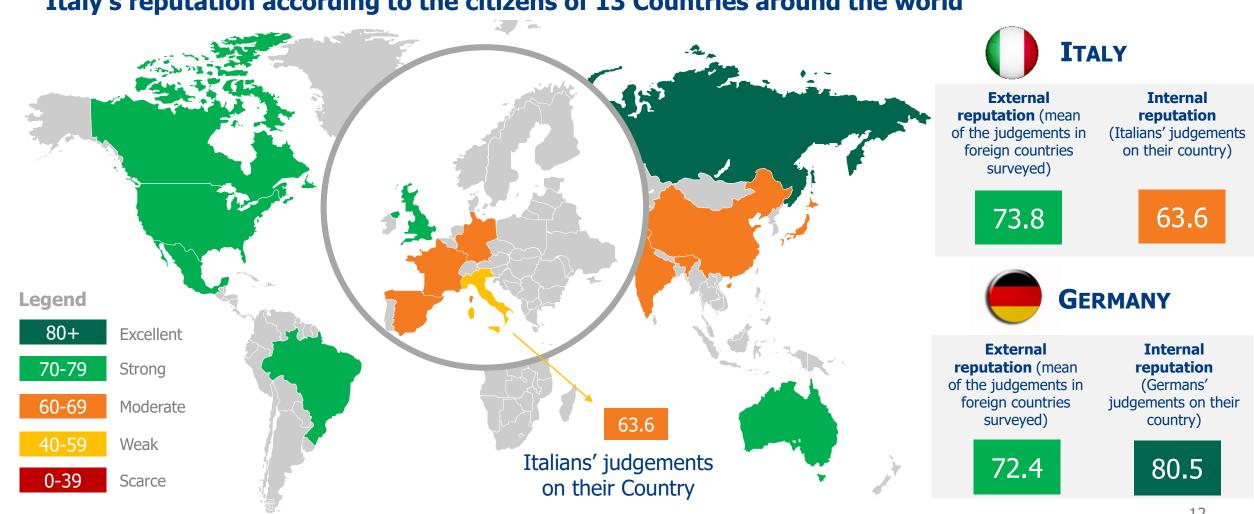
- 1. Extensive use of qualitative and perception-based surveys which are not statistically representative
- 2. Sample of **respondents often not relevant** (business leaders are only 5% of total respondents of the Ease of Doing Business)
- 3. Use of **subjectively weighted indexes**
- 4. Preconceptions in comparisons linked to the model of **how countries function**, taken as a benchmark ("optimal models")
- 5. Use of **non-homogeneous data** derived from different aggregation criteria
- 6. Failure in taking into consideration the **absolute size** ("critical mass")
- 7. Failure to consider **medium-term sustainability**, with a predominant use of backward-looking indicators
- 8. Too-negative judgement towards **regulation** and **taxation**
- 9. **Infra-countries differences** could be great





A key point: «cultural» bias and attitudes can influence international rankings

Italy's reputation according to the citizens of 13 Countries around the world







1

Excessive use of surveys: the case of the **Ease of Doing Business**

Top 20 countries by number of contributors to the survey	No. of contributions*
India	370
Brazil	356
Russian Federation	316
Turkey	241
Nigeria	232
Mexico	215
Malaysia	204
Indonesia	188
Ucraine	188
Italy	187
Dominican Republic	166
Kazakstan	152
Poland	150
Kuwait	141
China	139
Romania	137
Egypt	134
Bulgaria	133
Croatia	130
Greece	130

^(*) The number of contributions varies not only from country to country but also, within the same country, between different areas of investigation. For Italy 153 contributors are "mapped" who, in 2016, replied to 187 questionnaires



Global Attractiveness Index: mission

5TH EDITION

MISSION:

To make available to Italian and international decision makers a Country Indicator, able to offer a representative picture of the attractiveness and competitive sustainability of countries and, consequently, to provide reliable indications to support system choices in terms of growth and optimization of the pro-business environment

The robustness of the Global Attractiveness Index is certified through the **independent statistical audit** of the European Commission's **Joint Research Center**











Global Attractiveness Index: actors



SCIENTIFIC COMMETTEE

- Ferruccio de Bortoli
 (President Casa Editrice
 Longanesi and
 Associazione Vidas)
- Enrico Giovannini
 (Professor, Economic
 Statistics, University of
 Rome "Tor Vergata",
 former President of ISTAT
 and Minister of Labor and
 Social Policy)



The European House – Ambrosetti working team: Valerio De Molli, Cetti Lauteta, Diego Begnozzi, Andrea Merli, Fabiola Gnocchi, Laura Crivelli, Sabine Vandervaart



As of now the Global Attractiveness Index has been...

















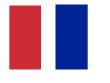


Officially presented in 7
Countries and to the
European Commission











Included within the **set of official indicators** monitored by four governments





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



Presented at the **OECD** in Paris and inclusion among OECD's official indicators (on-going)



Presented to **more than 10,000 CEOs** and investors hired on Italy's repositioning in the country rankings. Presented to the **Ministers and Under-Secretaries of the previous and current Government** in formal and informal meetings, to the Parliamentary Commissions and in 3 editions of the Forum The European House - Ambrosetti in Cernobbio



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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)

Measuring a Country's attractiveness

INTERNAL

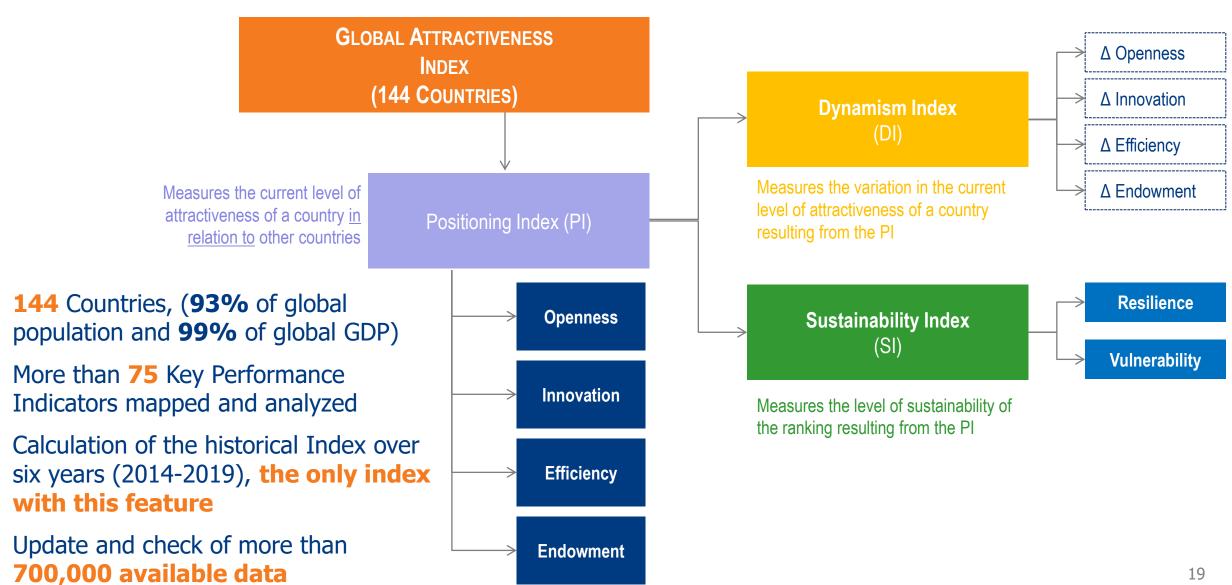
Ability to retain resources already present in the territory

EXTERNAL

Ability to attract resources not present on the territory



The structure of the Global Attractiveness Index (GAI)





The Key Performance Indicators (KPIs) of attractiveness

Innovation Efficiency Endowment Openness Resilience **Vulnerability** 1.(FDI flows + 11. Unemployment 16. GDP on world Debt/GDP Employees in Human Country's high-tech rate total Development Inflation rate investments sectors on Index 12. Logistics 17. Gross National Market abroad) on world total Global Peace Performance Product perconcentration total employees Index Index capita index 2.(Export+Import), Export of high-13. TFP 18. Gross Fixed Life expectancy Number of on world total tech goods on **Investments** at birth 14. Rule of Law people killed by world total 3.(Foreign tourists on national World Giving Index natural disasters + national **GDP** ICT Index (on 1,000 15. Total Tax Rate tourists travelling Development 19. Index of people, in the Average number abroad) on total Index last 3 years) Natural and of years of population Number of Cultural schooling Number of 4. Foreign College endowment scientific suicides, % of Students on publications on 20. Number of total population young pop. world total graduates on Population at 5. Number of world total 10. Internet users risk of poverty, immigrants on

21. PISA Test

Score

% of the total

total pop.

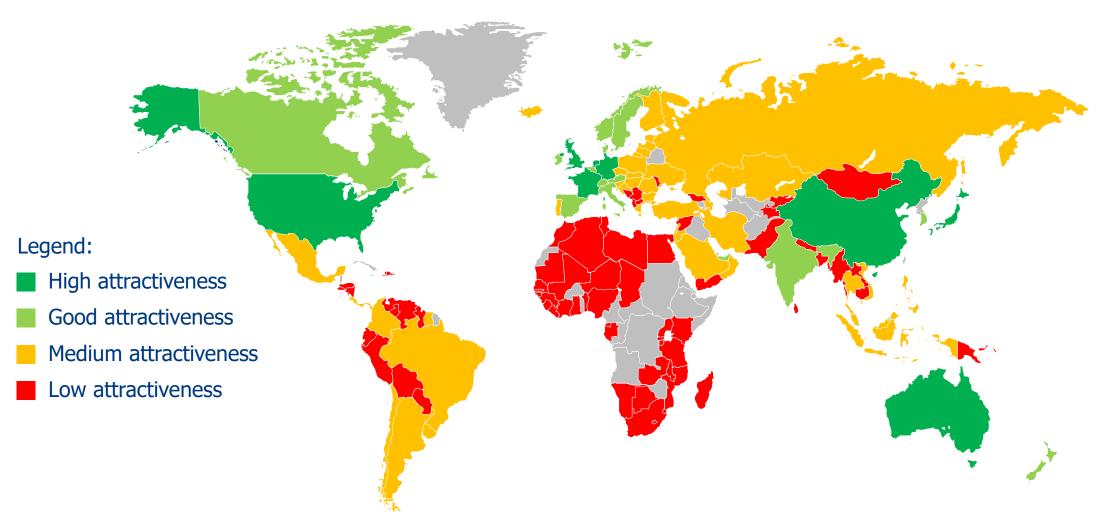
as a share of

population



The picture of the Global Attractiveness Index 2019

Global Attractiveness Index (GAI rank), 2019



Source: The European House – Ambrosetti, 2020



Attractiveness of EU's best performers differs greatly

First 25 Countries



High

Medium

Low

Critical

Index from 1=min to 100=max



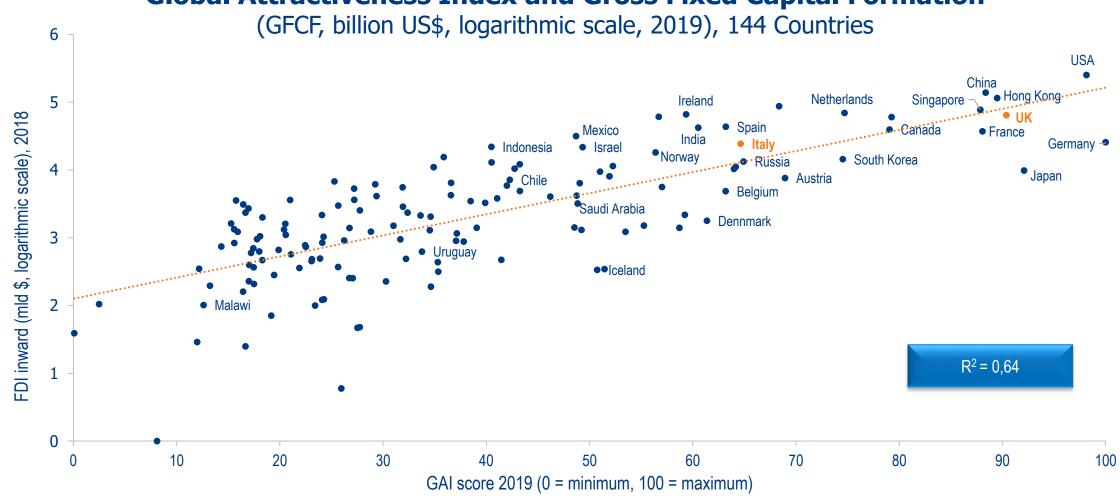
				4		
	GAI Rank 2019	GAI Score 2019	GAI Rank 2018	GAI Score 2018	Dynamicity 2019	Sustainability 2019
Germany	1	100.00	2	99.03		
USA	2	99.62	1	100.00		
Singapore	3	93.59	5	90.83		
Japan	4	91.49	3	92.37		
UK	5	90.77	4	91.37		
Hong Kong	6	89.43	9	76.99		
China	7	88.63	6	89.03		
France	8	88.36	7	83.69		
Australia	9	81.10	10	76.91		
Netherlands	10	80.56	12	76.40		
Canada	11	78.66	11	76.85		
Switzerland	12	76.29	13	74.46		
South Corea	13	75.23	8	77.46		
Austria	14	71.03	14	70.11		
Sweden	15	66.16	18	62.06		
ITALY	16	66.06	17	64.04		
Belgium	17	65.56	15	65.65		
Ireland	18	64.70	22	61.01		
Spain	19	64.56	21	61.40		
Denmark	20	64.47	16	64.69		
U.A.E.	21	63.06	20	61.99		
Nez Zealand	22	62.11	19	62.02		
Norway	23	61.24	23	59.97		
India	24	60.01	25	58.10		
Qatar	25	58.84	27	56.10		





GAI tends to "capture" the phenomenon of attractiveness very well

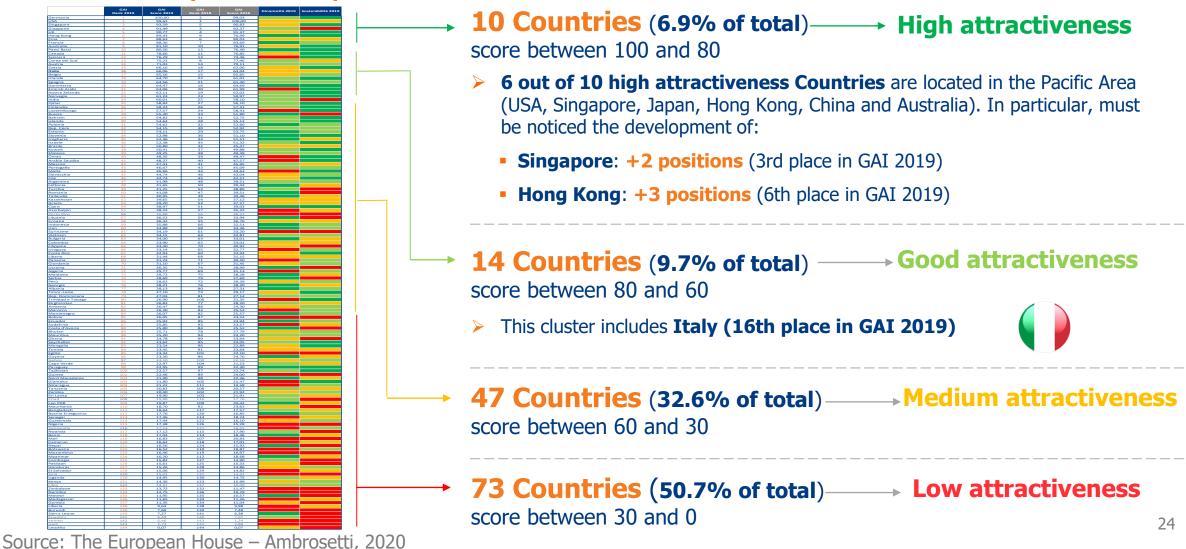
Global Attractiveness Index and Gross Fixed Capital Formation



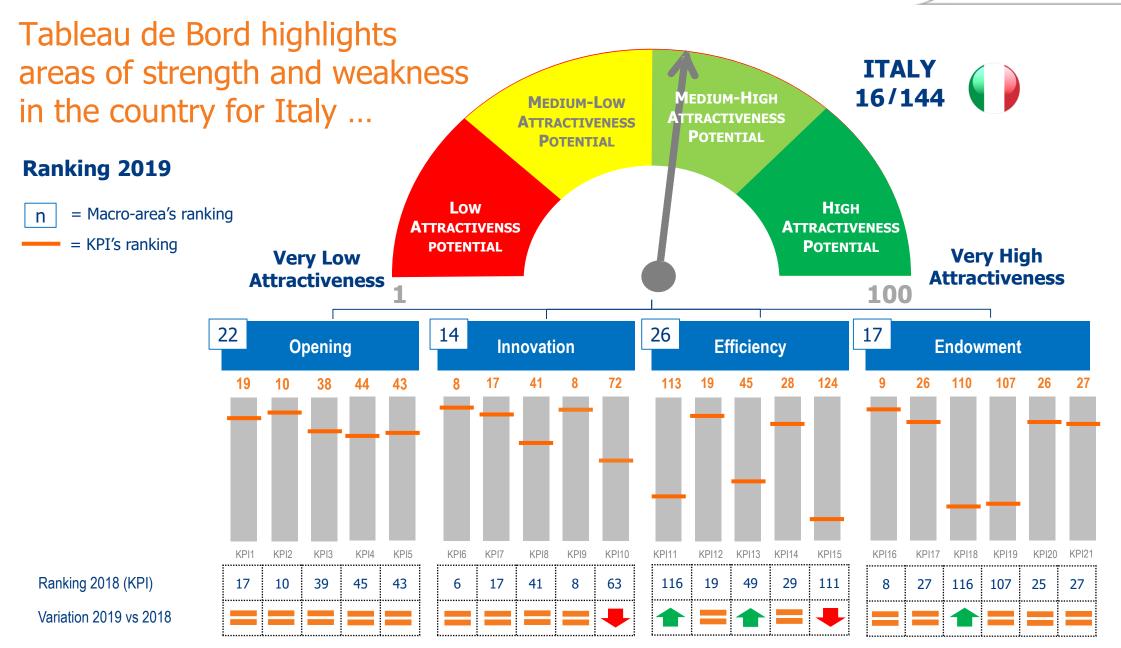
Source: The European House - Ambrosetti elaboration on GAI database, 2020



Italy remains in the cluster of countries with good attractiveness but it is necessary to compare with its peers

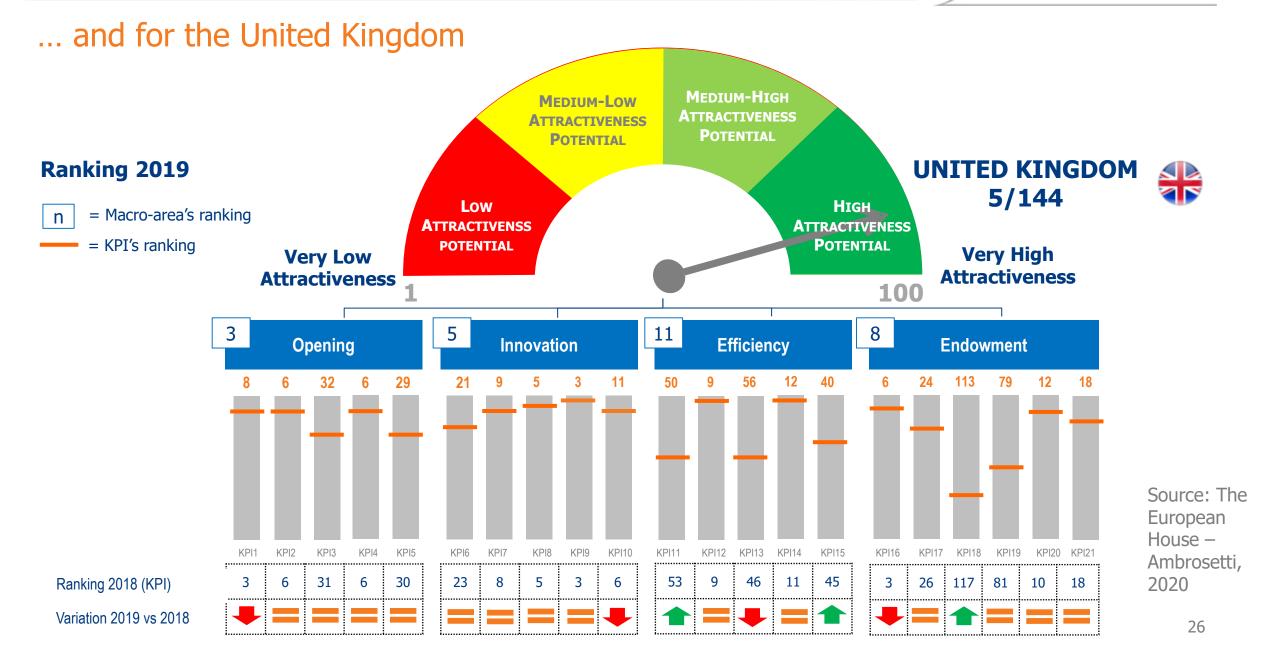






Source: The European House – Ambrosetti, 2020







The positions of both countries are fairly stable over time

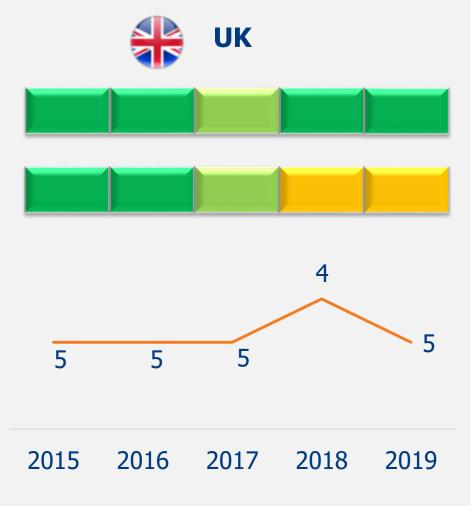
Sustainability Index

Dynamicity

Positioning Index

Index







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This was GAI 2019: how did 2020 open up?



COVID-19 cases and deaths worldwide





4,619,477

Deaths 311,847

Countries with more than 100,000 cases	Countries	with	more	than	100	,000	cases
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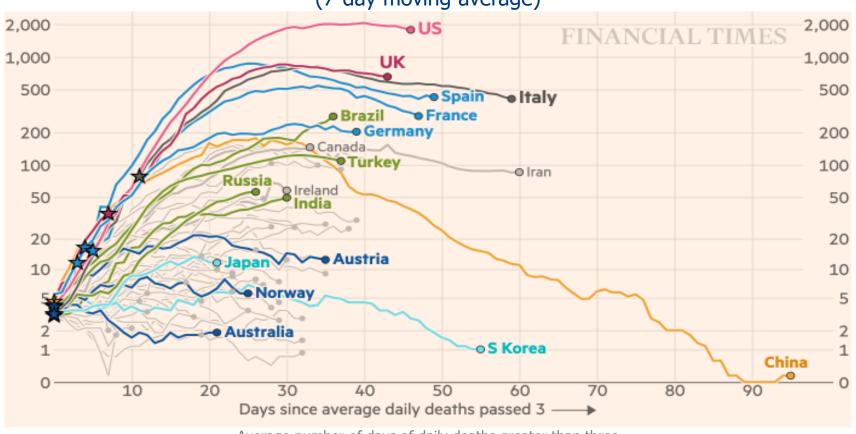
_		Cases	Cases (last 24 hours)	Deaths
	United States	1,432,265	22,813	87,180
	Russia	290,678	8,926	2,722
	United Kingdom	243,699	3,534	34,636
	Brazil	233,142	14,519	15,633
	Spain	231,350	652	27,650
	Italy	225,435	675	31,908
	Germany	174,697	342	7,935
(4	Turkey	149,435	1,368	4,140
	France	140,036	28	28,059
<u> </u>	Iran	120,198	1,806	6,988



Italy seems to have moved late in taking measures to contain the infection

Number of confirmed daily deaths

(7-day moving average)



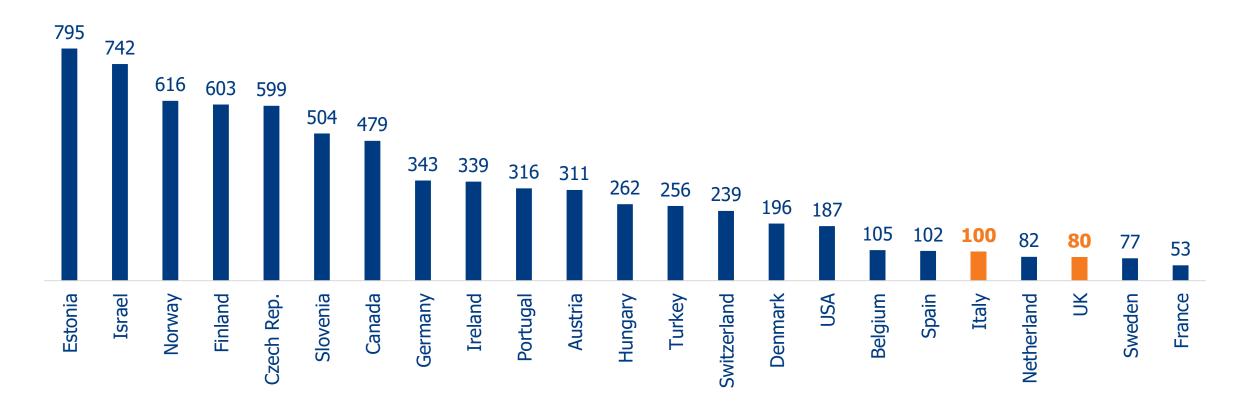
Average number of days of daily deaths greater than three





Italy and the UK are among the OECD countries that have carried out fewer tampons

Number of tampons per 1,000 inhabitants for the same spread of Sars-Covid-2 (index, Italy = 100)





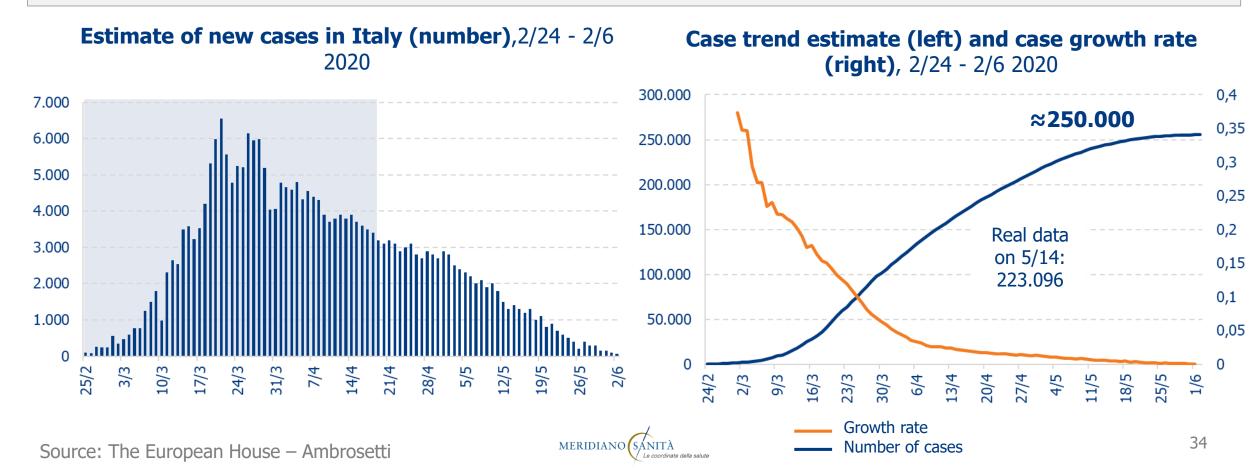
The European House - Ambrosetti, since the beginning of March, has developed a simulation model of the trend of infections in Italy based on:

- 1. The study of the evolution of the Coronavirus pandemic in China
 - 2. Epidemic containment measures taken in Italy
 - 3. Degree of effective observance of the same



The trend of new cases is however in line with what has been hypothesized in recent weeks

Hypothesis: Unlike what happened in China, we may find ourselves in the situation of having to live with a significant number of new cases for many weeks (also depending on a greater number of swabs made). The decrease in new cases continues steadily but with less intensity

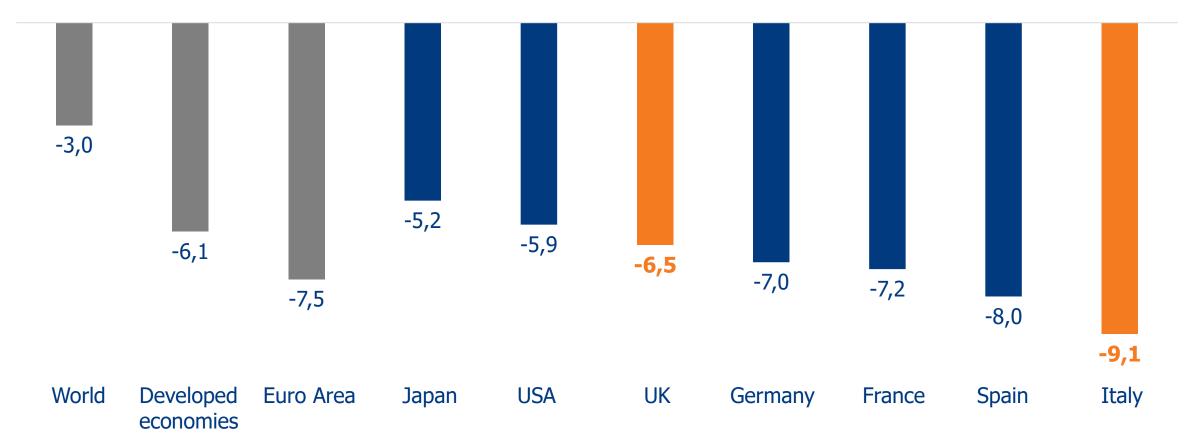


The pandemic has important economic implications



The International Monetary Fund's new Global Outlook predicts the worst contraction in world GDP since World War II: -3% ...

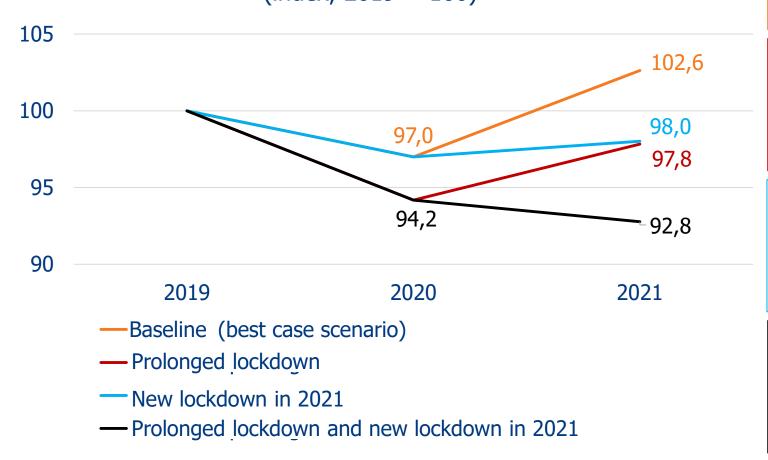
Projections of 2020 GDP's contraction estimated by IMF (%)





... in the best case scenario

Projections of 2020 GDP's contraction in different scenarios (index, 2019 = 100)



"Baseline", in which the health emergency is included from the third quarter of 2020

"Prolonged Lockdown", which considers a lockdown duration 50% longer than in the baseline scenario

"New lockdown in 2021", which considers a second wave of contagion in 2021 to be milder (negative impacts in 2021 will be 67% compared to 2020)

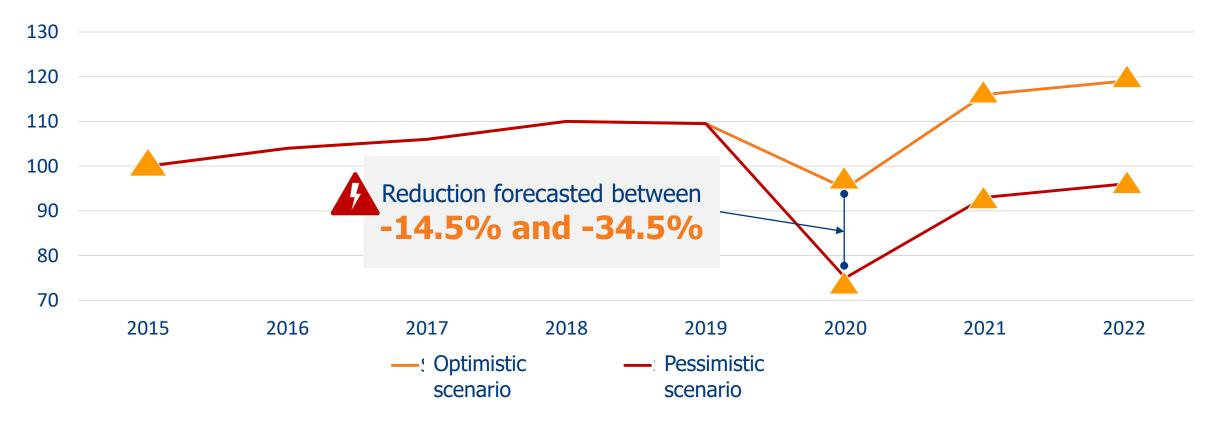
"Prolonged lockdown and new lockdown in 2021", which considers both scenarios from the previous two scenarios



Pandemic will significantly affect global trade

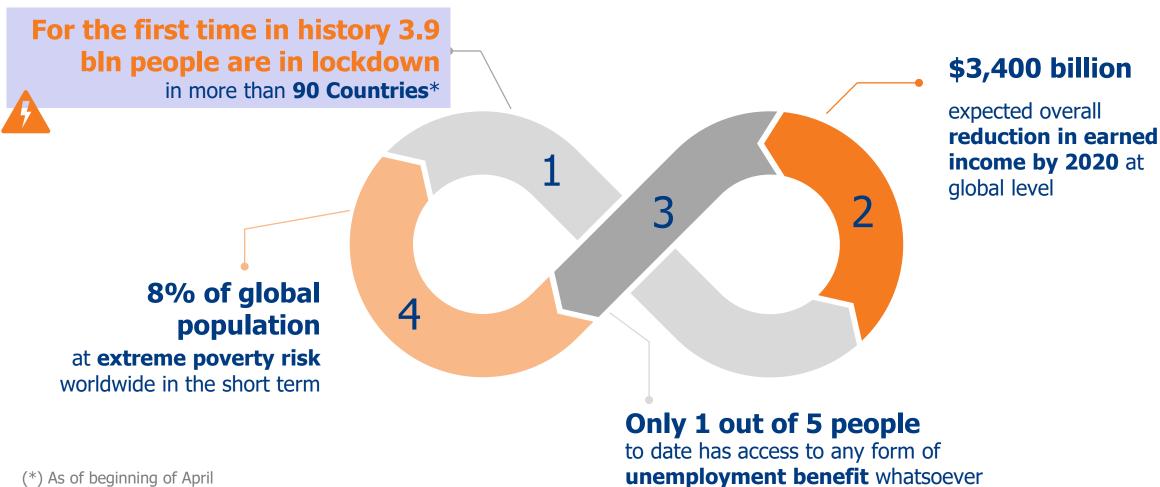
Development of world trade in goods (two scenarios)

(index, 2015=100), 2015-2022





The impact of COVID-19 risks plunging half a billion people in the world below the extreme poverty line



(*) As of beginning of April

39



Economic forecasts depend on a number of factors that may change, leading to a revision of estimates...



• The model starts from ISTAT data for the first quarter of 2020, which indicate a cyclical change of -4.7%



Lockdown duration for Italy and our trading partners (especially France, Germany and USA, which account for 33% of our exports)

In the model we assumed two months of semi-paralyzed activity (March and April) and a very gradual recovery in May, June and July for a return to "normal" from August. For the other trading partners we assume an equal but shifted two-week trend



Shooting speed

- In the model we have assumed that from the second half of the third quarter consumers have resumed the usual pattern of expenditure
- The model is based on the idea of a U-shaped recovery with gradual and slow growth throughout 2021



Business climate of trust

- The model considers a reduction in investments, for a time horizon longer than one year: the resumption of investments is expected in 2021
- It is estimated that 17% of companies are at risk of liquidity and default
- We also estimate that the service sector is less impacted than manufacturing



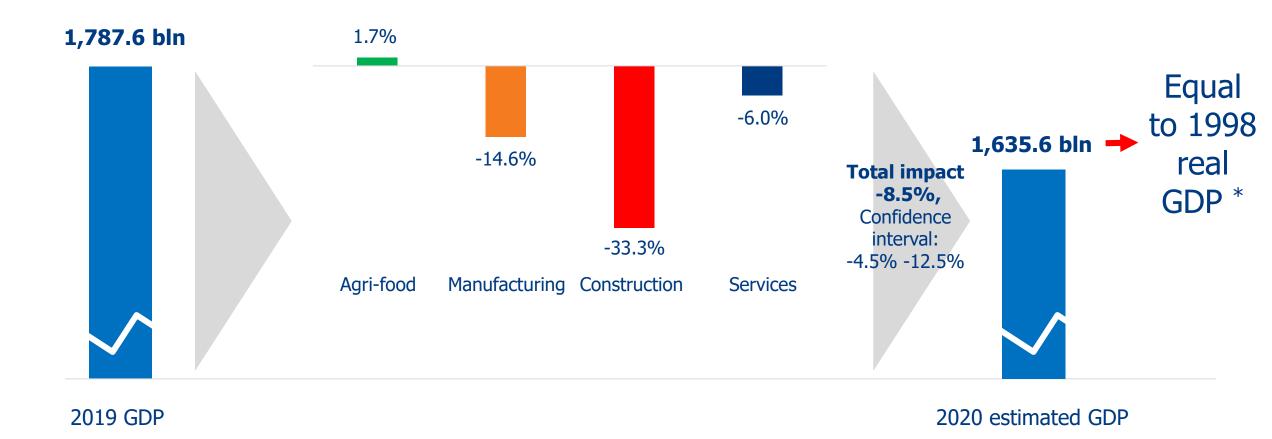
- Credit crunch
- The model does not consider a blockage of financing to companies (also thanks to the monetary policies adopted by the ECB) and therefore does not consider a credit crunch

We're not considering it:

- Nature and duration of second or third waves of contagion
- Type of public intervention and introduction of additional monetary policy instruments
- speed and effectiveness of medical-scientific solutions for treatment and prevention



... to date, we expect a contraction of -8.5% of Italian GDP by 2020, unless radical economic policy actions are implemented



(*) At 2019 prices

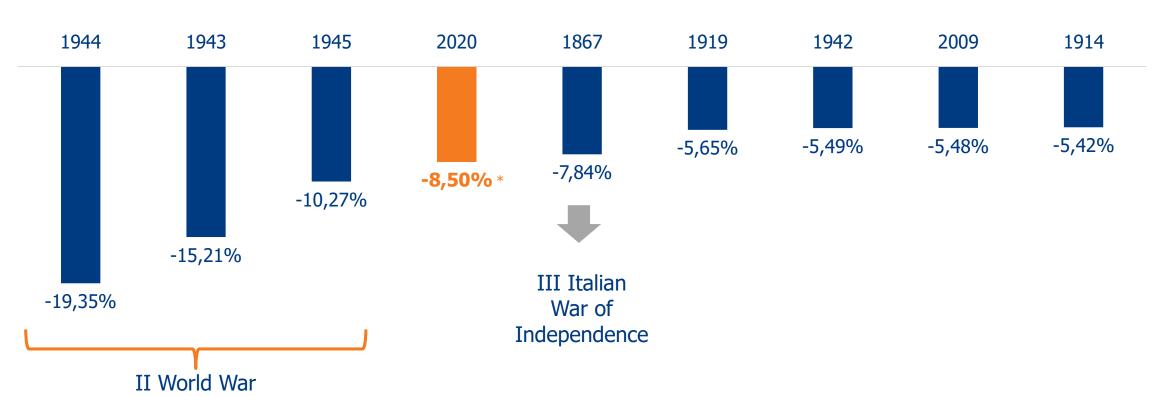
Source: The European House – Ambrosetti



As a result of changes in GDP, 2020 risks being the fourth worst year for growth in over 150 years and could further worsen its position

Annual change in GDP at constant prices

(% values, constant prices), 1861-2020

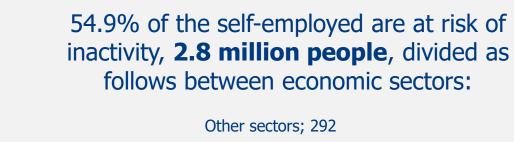


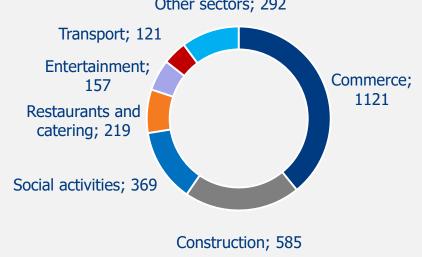
(*) The European House – Ambrosetti estimation

Source: The European House – Ambrosetti elaboration on Istat data, 2020



The crisis puts the labour market under severe stress





In addition, a **liquidity crisis** involving 17.2% of Italian companies would put at risk further

2.8 million employees





5.6 million people at risk of employment

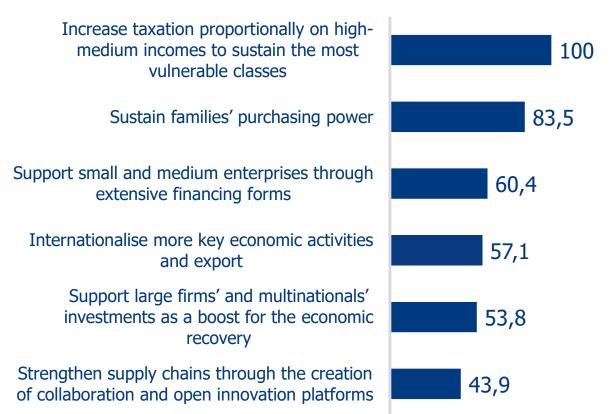
What is the actual sentiment of multinationals operating in Italy?

The European House – Ambrosetti, in partnership with the British Chamber of Commerce for Italy, undertook a **brief survey** to gather information on how multinational companies operating in Italy are coping in this period of emergency and how they view the future economic situation



According to the survey results, the most urgent political measures in Italy have to be directed to the most vulnerable economic actors and citizens

Top-6 priorities for the Italian government (indices value, highest priority = 100), 2020

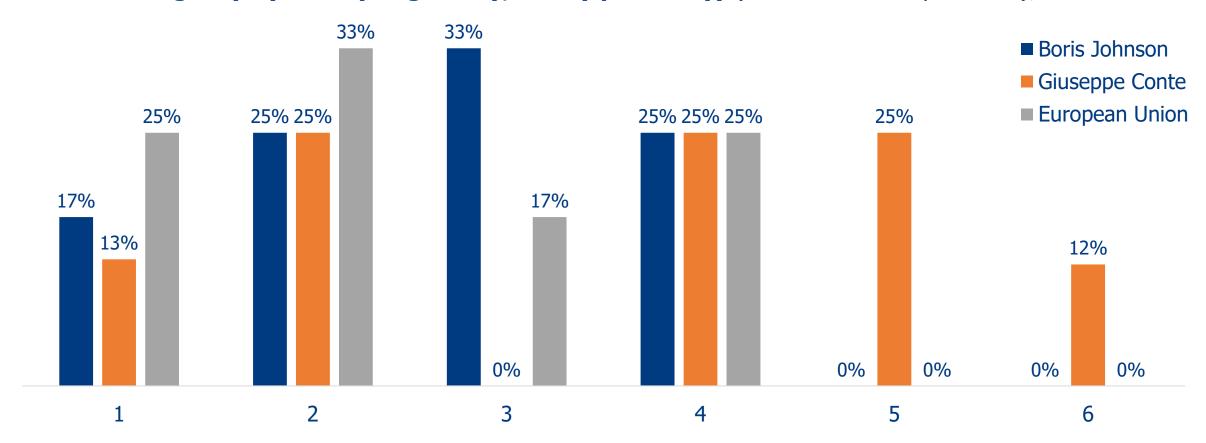


- Consumer spending represents 60% of national GDP
- More than half of the expenditure is deferred or cancelled
- The contraction in demand is exacerbated by the low incomes of Italian households: the average household income is
 €30,490, and one third of households (8.5 million households) have an income below €20,000
- The economic crisis risks doubling the number of households in absolute poverty (from 1.82 million to 3.64 million)



The political actions of institutions in this period are not judged positively, especially towards European Union

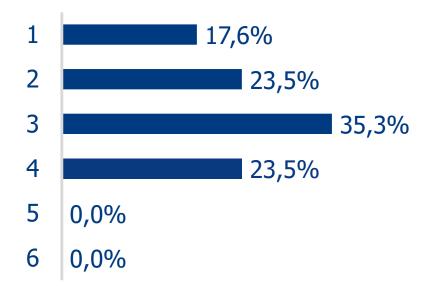
From 1 to 6, how do you evaluate the political actions of institutions during this Covid emergency? (1= very negatively; 6 very positively) (% on total of respondents), 2020





Future perspectives show a pessimistic vision, even if there are some opportunities that can be taken

What is your level of confidence regarding Italy's current situation and its future prospects? (1= very negative; 6 very positive) (% on total of respondents), 2020



- Multinationals' perspective on their future activities in Italy is quite pessimistic
 - ~65% expects a business reduction in the short-term (strong reduction for 38% of the respondents)
 - ∼50% expects a business reduction in the long-term, even though almost 40% believes the situation will slowly come back to normal once the emergency will be overcome
 - 100% believes that the business between Italy and the UK will continue to decline in the future
- The main risks detected by these players are a strong demand reduction (75% of the respondents) and a liquidity shortage (almost 50% of the respondents)
- The main opportunities are found in the **models of smart** working and agile organisation (almost 90% of the respondents) and in the digitalisation of activities and processes (over 60% of the respondents)



GAI 2020 will be presented at Forum "Intelligence on the World, Europe, Italy" in September

- Every year the Global Attractiveness Index is presented, during our annual Forum, to Italian and international institutions and business communities
- During the 46th edition we will present the 2020 GAI, that will deepen the rebalancing of the world's attractiveness in the Covid scenario





Ambrosetti



Thank you for your attention

Global Attractiveness Index

www.ambrosetti.eu/global-attractiveness-index/

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MATERIAL HANDLING

