

Inclusive Innovation Policies: Lessons from International Case Studies

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**Information and Knowledge for All:
*Towards an Inclusive Innovation***

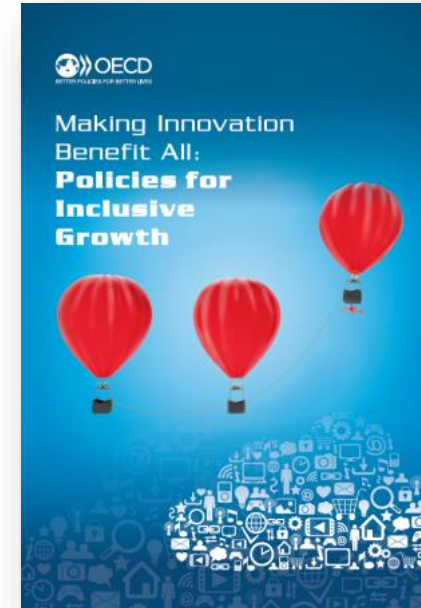
The World Conference on Intellectual Capital for Communities

UNESCO, July 3&4 2017

OECD project: Innovation for Inclusive Growth



*Focuses on
developing
economies*



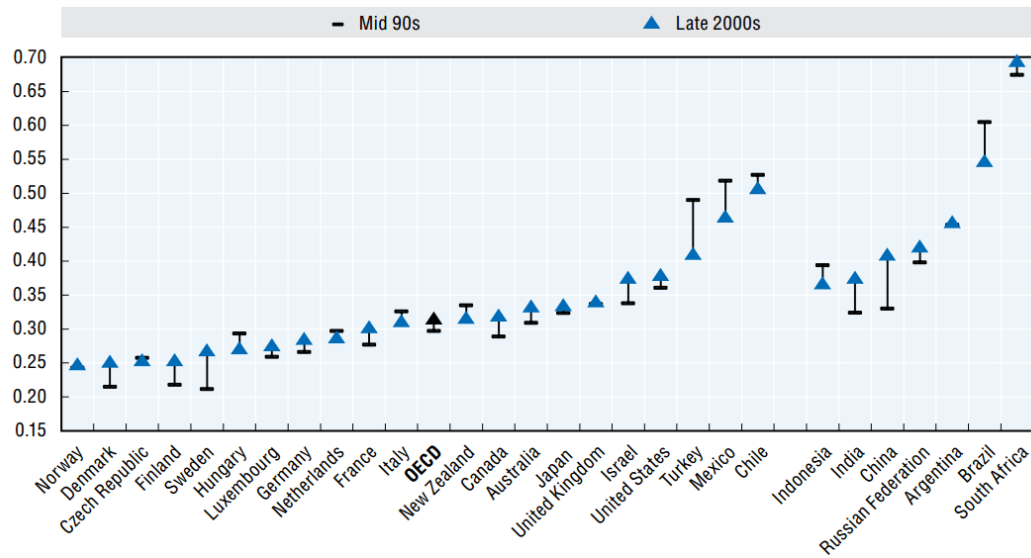
*Focuses on
OECD countries*

- How **innovation** can serve **inclusive development**, improving the welfare of **disadvantaged groups**, notably in terms of **essential public services**.
- How digital technologies can improve the welfare of **disadvantaged groups**
- How innovation policies can foster inclusive growth by increasing **participation** of disadvantaged groups in **innovation activities**.

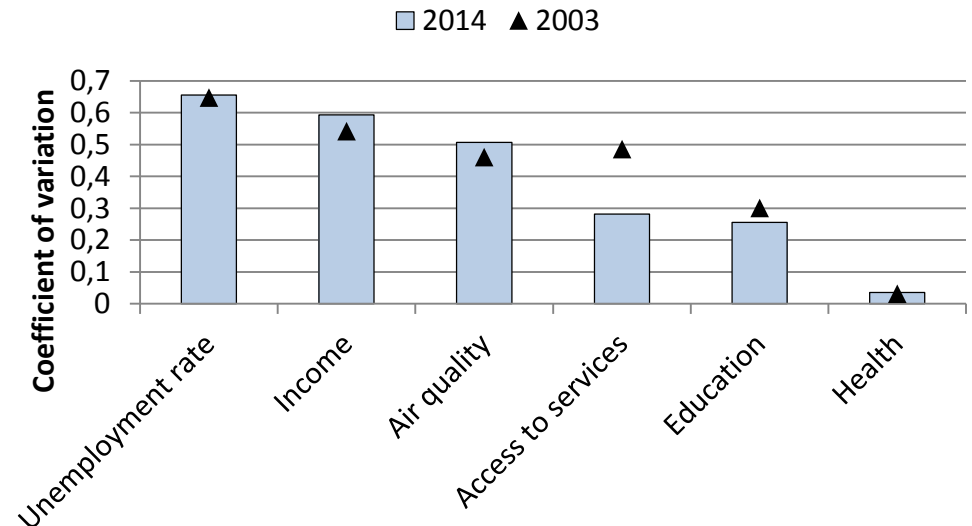
Inequalities have risen to unprecedented levels across OECD countries

- Richest 10% earn 10 times more than poorest 10%
- Increasing disparities driven by:
 - Rise in income of the top 1%
 - **Decline at the bottom 40%**

Increasing Gini coefficient of disposable income within countries



Rising disparities across OECD regions (TL2) in factors such as unemployment air quality



Innovation policies are central to growth agendas in most countries

... but have figured less prominently in strategies to
promote **social inclusion**



What role can **innovation
policies** play in promoting
inclusive growth?

Inclusive Innovation Policies:

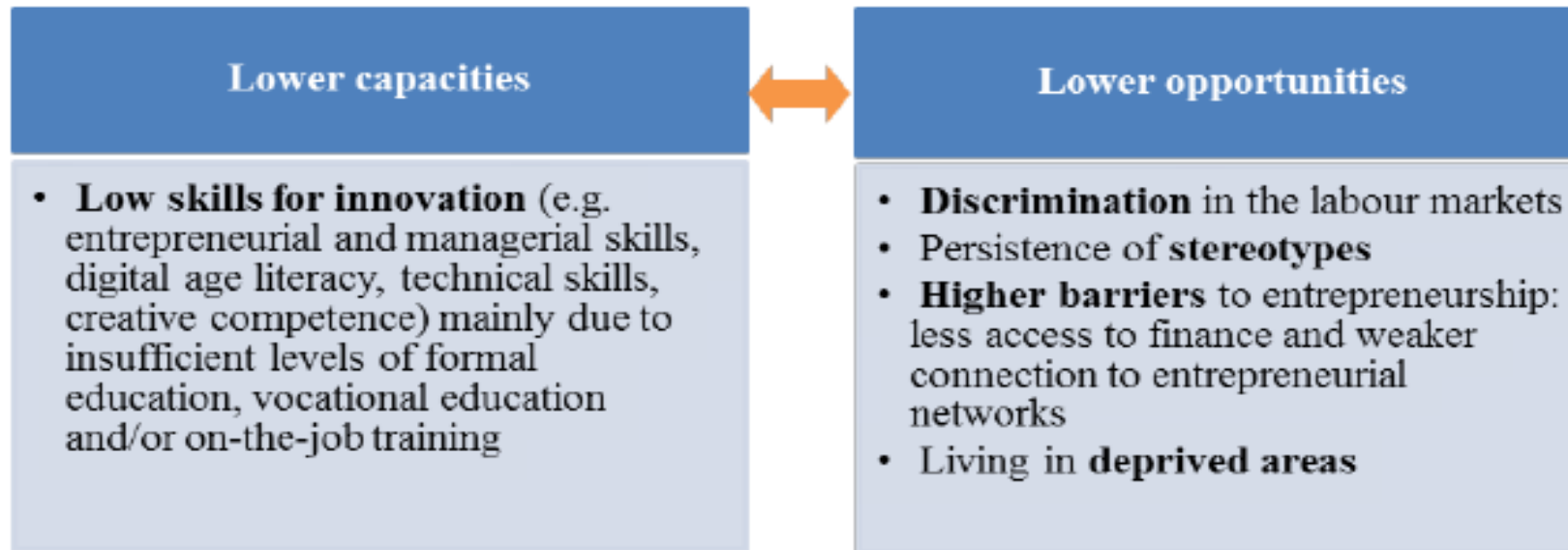


“Policies that help ensure disadvantaged groups of society have the **capacities** and **opportunities** to participate in **innovation activities**”

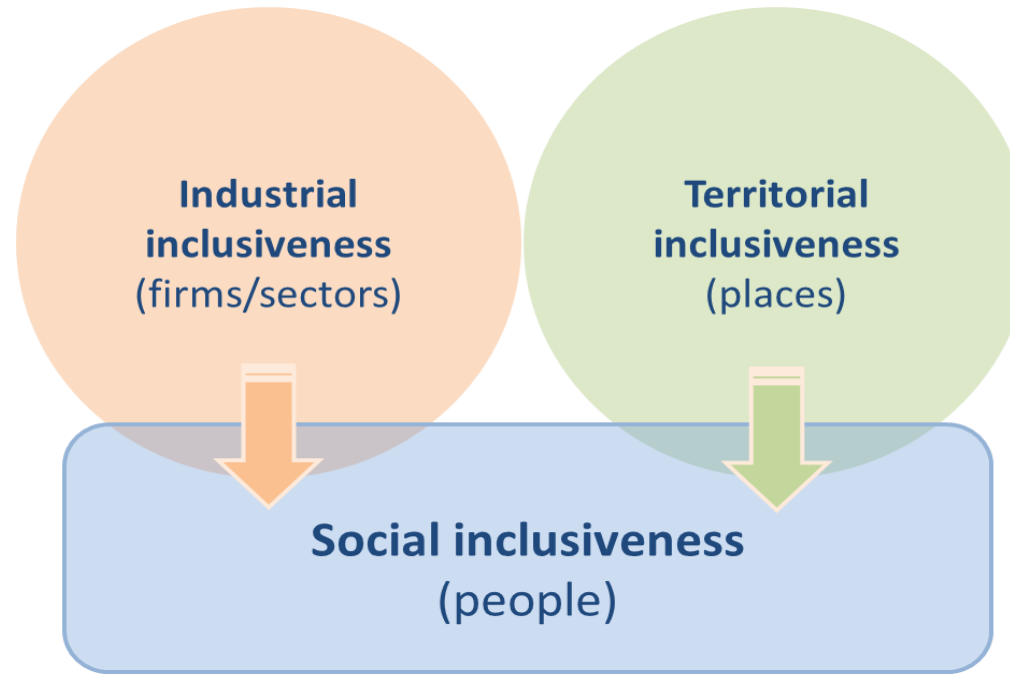
Allow disadvantaged groups to participate in the growth process

What is the target population of these policies?

Groups underrepresented in innovation activities, e.g. women, minority groups, disadvantaged social groups



They also target firms/sectors and regions with weak innovation capacities



Industrial and territorial inclusiveness closely relate to **social inclusiveness**: When **innovation capacities** are not **widely distributed** across sectors and regions, the **well-being** of some groups is negatively affected

A range of rationales justify the implementation of inclusive innovation policies

Inclusive innovation policies tackle the **misallocation of resources** in the economy due to inequality and exclusion

job creation and economic growth throughout all society



Sample rationales for implementing inclusive innovation policies

- Social inclusiveness
 - **Reduce discrimination in labour markets** by demonstrating potential of certain social groups & changing attitudes of employers towards them
- Industrial inclusiveness
 - **Tackle “dual economy” challenges** by improving the competitiveness of less innovative firms
- Territorial inclusiveness
 - Foster **development of more productive activities**, offering better opportunities for people

Japan: Social inclusiveness policy case

Programme to support research activities of female researchers

Objective: Increase the number of **women in leading positions in research**, particularly in STEM.



Policy instruments:

- **Funds** to research organisations to develop and implement **measures to improve the research environment for women**
- **Awareness raising activities** in high schools and colleges

Israel: Industrial inclusiveness policy case *R&D in Traditional Industries programme*



Objective: Encourage traditional industries to **invest in R&D**

Policy instruments:

- **Grants** covering 50% of budget for the R&D project
- Professional **counselling** services

Chile: Territorial inclusiveness policy case

Prototypes for Social Innovation programme

Objective: Solve **regional social challenges** through **open innovation**

Policy support:

- *Calls for innovative solutions to local challenges on an **online open innovation platform***
- ***Grants** to develop the proofs of concept/prototypes*

The screenshot shows the 'Innovación Social' website interface. At the top, there's a navigation bar with links: INICIO, CÓMO FUNCIONA, DESAFÍOS, PROYECTOS, INFORMACIÓN, and NOTICIAS. Below this, a large banner features a landscape image of a lake and mountains, with the project title 'Nombre del proyecto: Reciclaje de plásticos de predios agrícolas' overlaid in a blue box. Under the banner, there are three tabs: Descripción, Línea de Tiempo, and Sobre el Autor. The 'Descripción' tab is active, showing text about recycling agricultural plastics. To the right, there's a section titled 'Idea subida por: ecotrack' with social media icons for Twitter, Facebook, and Google+. Below this is a progress bar indicating 'COMPLETADO 91%' and a prompt to 'Ingrese la información faltante en el formulario de nuestra plataforma para completar el proceso.' At the bottom, a horizontal timeline with four icons represents the process: 'Idea enviada' (lightbulb), 'Idea en Tutoría' (person at a screen), 'Idea en Mentoría' (rocket), and 'Idea Terminada' (flag).

Many challenges need to be addressed when implementing these policies

1. Ensuring the **involvement of target group** in policy programmes
2. Establishing appropriate **selection criteria** to reach the target group
3. Building **capabilities** among the target group to undertake activities promoted by the programme
4. Building the **expertise for deploying the programme**

An analysis of common implementation challenges and possible policy responses

Example: 1/2

Policy challenge

Ensuring **involvement** in policy programmes by target groups (e.g. Ideas for Change, Colombia)

Suggested policy responses

- Tailored **outreach strategies** (e.g. Thuthuka programme, South Africa)
- **Communicate** objectives and activities by a member of the same community (e.g. Programme support research activities of female researchers, Japan)
- **Streamline** administrative processes (e.g. Programme to support R&D traditional sectors, Israel)

An analysis of common implementation challenges and possible policy responses

Example: 2/2

Policy challenge

Building **adequate expertise** to deploy programmes

Suggested policy responses

- Involve **third parties** in addition to regional authorities in design of the programme (e.g. *Royalties for Science, Technology and Innovation programme*, Colombia)
- Set up a **targeted recruitment** process (e.g. *Productive Territories Programme*, Mexico)
- Provide **tailored training** to experts, mentors and counsellors (e.g. *Kiút Programme*, Hungary)

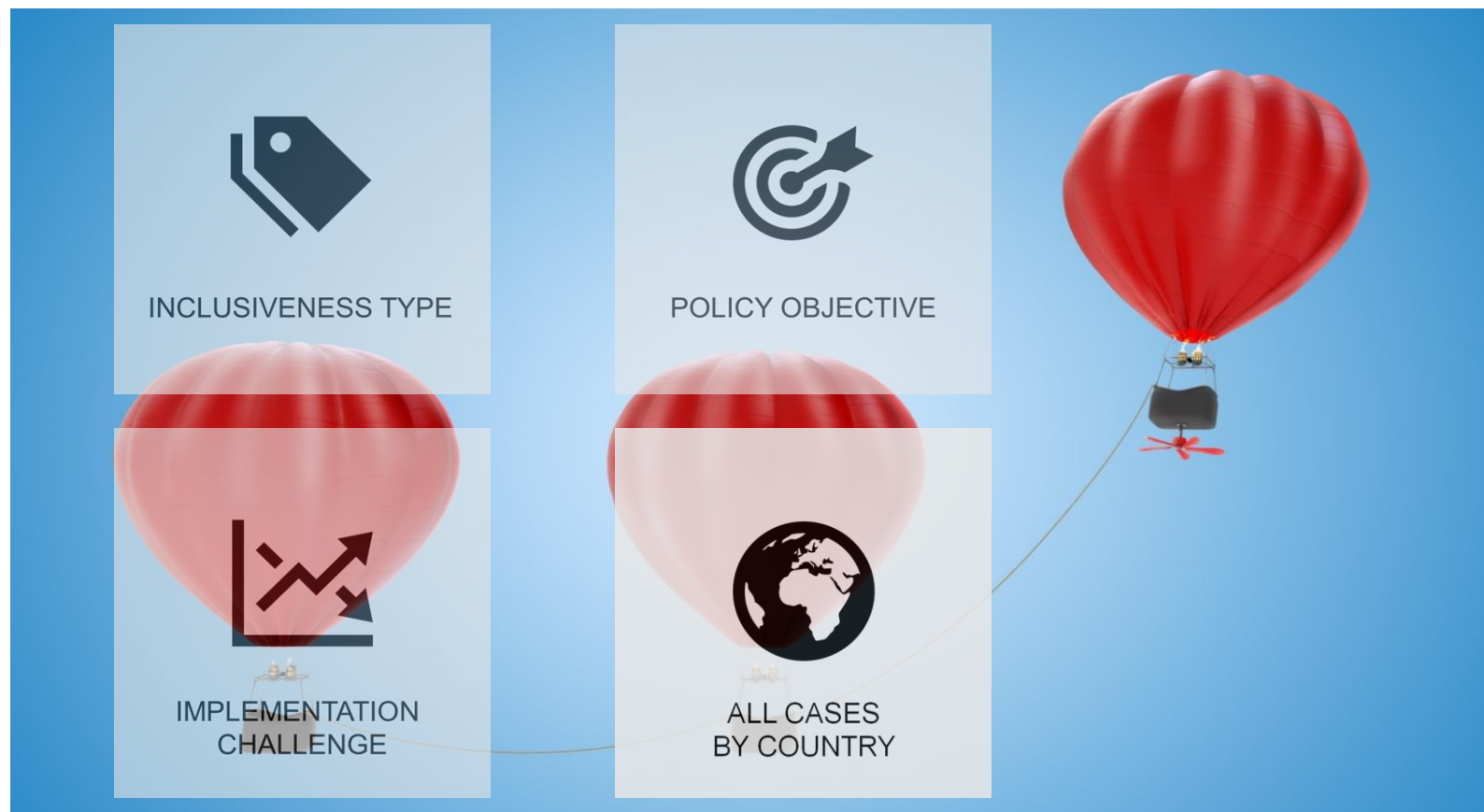
A few conclusions

- **Innovation policies** can contribute jointly with other policies to inclusive growth by **fostering integration** of disadvantaged groups **in innovation activities**
- They help **tackling the misallocation of resources** in the economy due to inequality and exclusion, fostering job creation and economic growth
- Specific **implementation challenges need to be addressed** for policies to be effective

Inclusive Innovation Policy Toolkit (available on the *Innovation Policy Platform*)

A practical and **interactive guide** to help policy makers design and implement effective innovation policies for inclusive growth

33 examples from 15 countries:



Browse by Topic

Select a Country

Statistics

Communities

Territorial Inclusiveness

Innovation policies for territorial inclusiveness target lagging and less innovative regions with the aim of narrowing the performance gap with leading innovation regions. They foster the innovation capacity of individuals and firms located in peripheral regions, as well as in disadvantaged neighbourhoods within large urban areas.

Click below to find innovation policies that address territorial inclusiveness challenges at the following territorial levels:



Regional policies



Local or community-oriented policies

Read on below to find detailed information and country-specific statistics related to territorial inclusiveness.

Did you know...?

Benefits from agglomeration explain why industries (and particularly, highly innovative industries) tend to concentrate spatially: geographical proximity facilitates knowledge spill-overs and interactive learning; stimulates the creation of a larger pool of labour, leading to better matching between worker skills and jobs; and facilitates access to specialised suppliers and services (Marshall, 1890; Krugman, 1991). As a result, regions holding the greatest concentrations of innovative sectors...[Expand »](#)

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Inclusive Innovation Policy Toolkit

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Local or Community-oriented Policies

+ By Policy Objective

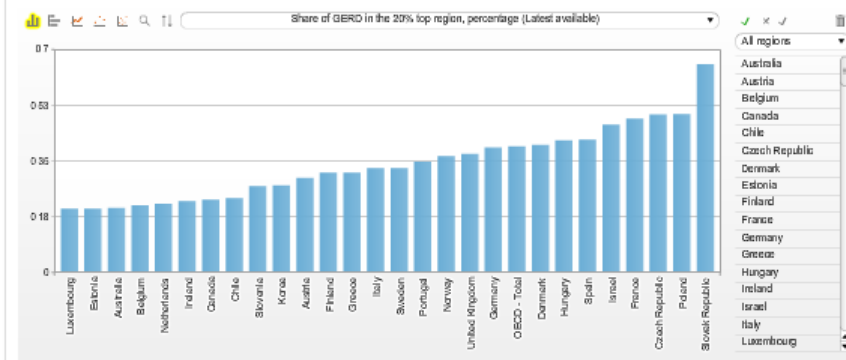
+ By Implementation Challenge

All Policy Cases by Country

Access the Full Report

Indicators on Territorial Inclusiveness

The following indicators may help you identify whether regional disparities are challenges for territorial inclusiveness in a given country.



Contact person/organisation

IPPI Stat@oecd.org

Data source(s) used

The Innovation Policy Platform (IPPI) is partly developed by the OECD and the World Bank to support policy analysis in the field of science, technology and innovation.

IPPI Stat is a statistical platform that gathers a great variety of innovation-related indicators across a large number of countries. Data are drawn from OECD official databases and equivalent to international organisations (e.g. Eurostat, International Monetary Fund, UNESCO Institute for Statistics, World Bank etc.), as well as from international sources of relevance. Data are provided back to the early 1980s.

See below recommendations on use and citations.

IPPI Stat

2000

Latest available

STAT Trends

Inclusive Innovation Policy Cases by Country

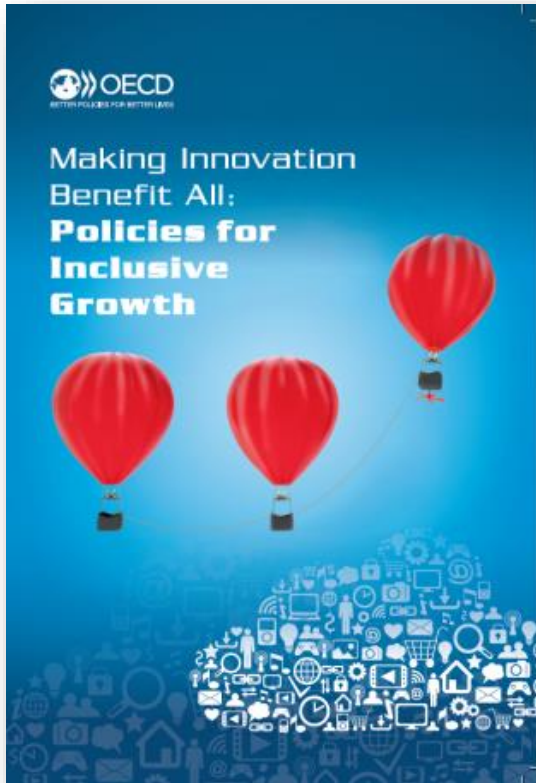
Policy cases by country

Chile	India	Lithuania
China	Ireland	Mexico
Colombia	Israel	New Zealand
Germany	Japan	South Africa
Hungary	Korea	United States

Policy cases with several countries participating

European Union Eureka Countries

Thank you!



Find the paper on the OECD iLibrary:

Planes-Satorra, S. and C. Paunov (2017), **"Inclusive innovation policies: Lessons from international case studies"**, *OECD Science, Technology and Industry Working Papers*, No. 2017/02, OECD Publishing, Paris. <http://dx.doi.org/10.1787/a09a3a5d-en>

Further information:

OECD "Innovation for Inclusive Growth" Project (<http://oe.cd/inclusive>)

Inclusive Innovation Policy Toolkit
(<https://www.innovationpolicyplatform.org/inclusivetoolkit>)

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