



Smart TIO

More smart, more TIO

Information dossier

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Smart TIO

More Smart, More TIO

What is Smart TIO?

Smart TIO is a software created to improve decisions making by simulating socio-economic and environmental impacts and providing results in a visually easy-to-interpret, accurate and straightforward way. Smart TIO saves time by estimating simulations fast and generating automated reports. Software is based on national or regional input-output models of your country offering locally relevant estimations. Smart TIO simulates the introduction of a new policy (sectoral subsidies, tax simulations, employment measures, environmental policy), or the impact of global trends (covid-19, war etc.) Smart TIO includes economic, labour and environmental variables ensuring more sustainable decisions.

Types of events and economic shocks:

- New policy introduction: sectoral subsidies, tax simulations, employment measures, environmental policy.
- Size and importance of a sector in the economy (direct and indirect): Health, design etc.
- Impact of global trends: Environmental crisis, social inclusiveness, COVID

Smart TIO Modules

In addition of economic results, Smart TIO offers the possibility of getting environmental and labour results.

What are Smart TIO modules and how do they help me?

Environmental Module

Add the eco module to Smart-TIO and get environmental results in addition to the economic outcomes. The eco-model includes carbon emissions by sector as well as energy use for different types renewables and non-renewables, such as coal, petroleum products among others. This is a powerful tool to support economic decisions to reduce environmental damage and to promote the general welfare.

Taking into account the environmental concern in decision making improves population health and preserves natural resources increasing the long-run welfare.

Employment Module

Add the social module to Smart TIO to take into account the labour effects of policy simulations. Towards inclusive and sustainable economy imply that not only economic and environmental but also social outcomes are taken into consideration. Social Smart-TIO module provides direct and indirect effects of new policy implementation on labour-market outcomes such as number of jobs created or destroyed.

Include labour-market indicators in decision making to demonstrate social impact of policy introductions.

Smart TIO Regional

More local, more nearby

What is Smart TIO Regional?

Apply the regional Smart TIO to provide locally relevant decisions for each of the regions. Regions are specialised in different products and sectors and, as a result, the demand simulations would have different effects depending on the region. Take into account the regional aspects and reduce the spacial inequalities.

Prices

One year		Two years		
Version	Up to 3 users	Up to 5 users	Version	
Smart TIO	4550€	6750€	Smart TIO	6650€
Plus one module	7550€	9750€	Plus one module	9650€
Plus two modules	9550€	11750€	Plus two modules	11650€
Smart TIO Regional	Request info	Request info	Smart TIO Regional	Request info
				Request info

Countries currently included

Smart TIO allows to import your own data. We are currently in 66 countries for Smart TIO Core and 43 for Smart TIO modules. If you did not find your country in the list, please contact us and we try to find a solution.

Smart TIO Core

Australia, Austria, Belgium, Bulgaria, Brazil, Canada, Sweden, China (People's Republic of), Cyprus, Czech Republic, Germany, Denmark, Spain, Estonia, Finland, France, United Kingdom, Greece, Croatia, Hungary, Indonesia, India, Ireland, Italy, Japan, Korea, Lithuania, Luxembourg, Latvia, Mexico, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovak Republic, Slovenia, Switzerland, Turkey, Chinese Taipei, United States, Argentina, Brunei Darussalam, Chile, Cambodia, Colombia, Costa Rica, Hong Kong(China), Iceland, Israel, Kazakhstan, Leo People's Democratic Rep., Morocco, Malaysia, Myanmar, New Zealand, Peru, Philippines, Saudi Arabia, Singapore, Thailand, Tunisia, Vietnam, South Africa.

Modules

Employment and Environmental

Australia, Austria, Belgium, Bulgaria, Brazil, Canada, Sweden, China (People's Republic of), Cyprus, Czech Republic, Germany, Denmark, Spain, Estonia, Finland, France, United Kingdom, Greece, Croatia, Hungary, Indonesia, India, Ireland, Italy, Japan, Korea, Lithuania, Luxembourg, Latvia, Mexico, Malta, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovak Republic, Slovenia, Switzerland, Turkey, Chinese Taipei, United States.

Languages currently available

All versions of Smart TIO is currently available in English, Russian, Spanish and Galician. More language coming soon.

Commercialisation activities

Target market

Policy makers are the main target market for developed application which include:

- National and regional public bodies
- Research institutes
- Consultancies
- Universities
- Associations

Official launch of English version: 3 of May
Anticipated lauch of Russian version: 7 of May

Characteristics of target market:

Decision makers are group of people (IT experts, city managers, elected officials, heads of purchasing and finance)
Value ease-of-implementation and usage, strong service support, and comprehensive training
Marketing channels: expert's opinions
Sensitive to barriers to adoption and switching costs
Affected by informative content (case studies, white paper, webinars, and other pieces of in-depth content)
Not very price sensitive (low competition)

Commercialisation actions implemented

1. Internalisation mission to Central Asia (Kazakhstan and Uzbekistan)- July 2021, demonstration of Demo.

Outcomes:

12 institutions expressed interests out of 18 among them (UNDP, Ministry of Energy (UZ),
State Committee of Ecology and Environmental Protection in Uzbekistan,
Kazakhstan center for environmental engineering, Asian Development Bank (KZ),
KAZECOLOGY, Ministry of Agriculture (KZ)
Kazakh National Agrarian University

2. Internalisation mission to East Asia (Indonesia and Thailand) is scheduled for June 2022

Team

Years of experience and knowledge based on cutting edge research results complemented by close collaboration with universities and research institutes around the world allow us to offer a highly customized service.

Innovation and tech division



Aizhan Samambayeva

Head of innovation & tech division



Pedro Furelos Fabeiro

ICT Technician - Programmer



Sara De La Calle Maroto

UX - UI Designer

Research Division



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Angélica María Amaya

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Project Manager



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Researcher in the Health Economics Department / (Industrial Doctorate funded by AEI)

Contact us

Smart TIO has been created (and we work every day to improve) by the AYconomics Research Centre SL team. Tell us what you need help with. We welcome all questions, comments, and feedback.

