

# What Environmental Market Experts and Educators Say About *CarbonSim*



**Dan Dudek**  
Former Vice President,  
Asia, EDF

Over the last 30 years, emissions trading has proven itself as an environmental compliance program that makes the right thing easy and the wrong thing hard. *CarbonSim* is a fabulous tool that synthesizes those years of learning into one interactive experience that teaches the principles of emissions trading, demystifies how to develop and implement a carbon portfolio management strategy, and demonstrates that results are driven by design. Highly recommended for advocates, industry practitioners, and policymakers.



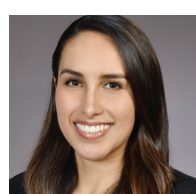
**Sumon Sumetchongprachya**  
Director, Low Carbon City  
and Society Office, Thailand  
Greenhouse Gas Management  
Organization  
(Public Organization)

*CarbonSim* exercises are a great way to provide practical knowledge for industries and decision makers on how carbon trading and ETS works. It can change people's attitude from "ETS is a burden for business" to "Business can make a profit from this system if they make a right decision, mitigate first and sell later."



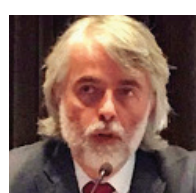
**Eduardo Piquero**  
Manager, Director,  
Mexico Carbon Platform,  
Mexico Stock Exchange

*CarbonSim* exercises bring to life the core elements of an emissions trading system. Stakeholders come to understand that the choices they make have a direct effect on the environmental and economic outcome.



**Carolina Rodríguez González**  
Technical Advisor, "Preparation  
of an Emissions Trading System  
(ETS) in Mexico," Deutsche  
Gesellschaft für Internationale  
Zusammenarbeit (GIZ) GmbH

*CarbonSim* provides the private sector with a practical way to understand the component parts and dynamics of a carbon market. They underscore the importance of ETS design and why it is critical to participate in the development phase of a carbon market.



**Juan Pedro Searle Solar**  
Ministry of Energy of Chile

The Santiago *CarbonSim* exercises were excellent. Participants with a range of views were able to collaborate and participate in an experiential learning process that demonstrated how emissions markets work and can be designed to serve the interests of diverse stakeholders.



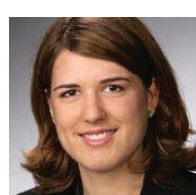
**Vero Bourg-Meyer**  
Program Director for Clean  
Energy and Conservation  
Finance at Yale Center for  
Business and the Environment

*CarbonSim* is wonderfully fun and informative. It has undeniable teaching qualities that make it an incredible tool for the classroom.



**Juan Carlos Arredondo Brun**  
Former Director General for  
Climate Change Policies and  
Former Acting Deputy Minister  
at SEMARNAT

I have come to appreciate the value of *CarbonSim* which serves to improve the quality of ETS stakeholder discussions, increase industry's understanding of ETS mechanics, and illustrate how ETS design choices impact outcomes.



**Julia Blasch**  
Assistant Professor in  
Environmental Economics,  
Vrije Universiteit Amsterdam

The *CarbonSim* exercise made a big difference for my environmental economics students. It brought to life the theory of carbon pricing, was a great learning experience, and required relatively little preparation time. I recommend it to everyone who wants their students/employees/colleagues to understand how emissions trading works and that environmental and economic outcomes are a function of the choices that are made by policymakers who administer, and the regulated industries that are subject to, these programs.



**Qian Guoqiang**  
Deputy General Manager,  
SinoCarbon

Though very useful as a policy instrument, emissions trading can be challenging to understand. A well-designed ETS simulation tool can provide stakeholders with a step-by-step learning experience that demonstrates how markets function and the connection between program design and environmental and economic outcomes. This sort of tool is extremely useful for jurisdictions that are in the early stages of introducing this policy instrument. *CarbonSim* is just such a tool. It has been used by, and proven valuable to, numerous Chinese policy-makers, operators, decision-makers in covered enterprises, and other market participants.



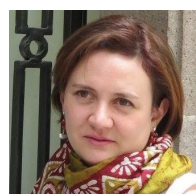
**Katherine Hamilton**  
Faculty for Impact Investing  
and Social Entrepreneurship,  
Northeastern University

*CarbonSim* was a fun and informative way for the students to experience carbon trading first-hand and learn more about trading in general. It's a sophisticated tool for learning about this marketplace in an experiential context.



**Guilherme Borba Lefèvre**  
Project Manager, Center for  
Sustainability Studies,  
Getulio Vargas Foundation

*CarbonSim* is a great teaching tool. It demonstrates the power — and limits — of markets. After a single session stakeholders come to understand the principles of carbon portfolio management and that environmental, economic, and social outcomes are a function of the design decisions that are made by those who design cap and trade programs.



**Danae Azuara Santiago**  
Senior Consultant,  
Carbon Pricing,  
Iniciativa Climática de México

Participating in a *CarbonSim* simulation is an immersive experience that no reading or theoretical coursework can provide. As an instructor on several capacity-building exercises in Latin America using *CarbonSim*, I have witnessed how ETS design discussions become much more sophisticated. Both regulators and future regulated entities are able to participate in the dialogue to share diverse perspectives, interests, and concerns. The simulation leaves participants with a common understanding that is incredibly useful to inform conversations amongst all relevant stakeholders.



**Jamie Fine**  
Director, Energy Research &  
Sr. Economist, Clean Energy, EDF

Before *CarbonSim* I thought I knew a lot about cap and trade policy. Having used this tool, I now have a deeper understanding of a businessman who has dual financial and regulatory obligations. I learned that compliance timelines and market forces necessitate a dynamic strategy along the way. And it is clear that environmental and economic outcomes are a function of program design. Furthermore, I learned that cap and trade requires skills which take time to develop. Building a deeper appreciation of these nontrivial challenges allows me to be more effective in my advocacy.



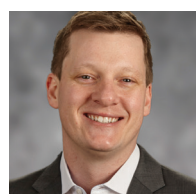
**Adriana Campos**  
Co-Founder, Chief Insights  
Officer, and Trading Manager,  
ACCIAM

When I think of my own *CarbonSim* experience I am reminded of the saying, "I hear and I forget. I see and I remember. I do and I understand." *CarbonSim* is very much about understanding by doing. It is suitable for those in the public and private sectors as well as members of civil society and academia that seek to gain a basic understanding of the principles of carbon portfolio management and how ETS design decisions affect environmental, economic, and social outcomes.



**Alistair Ritchie**  
Former Team Leader,  
European Commission project  
'Implementation of the Korean  
Emissions Trading System'

The ETS simulation game, *CarbonSim*, was a very successful part of our recent workshop on ETS trading strategies for KETS entities. The opportunity to practice with a realistic trading simulation was invaluable and fun for the participants, helping them to gain experience in compliance strategies including abatement, auctioning and trading.



**Jackson Ewing**  
Senior Fellow, Nicholas Institute  
for Environmental Policy  
Solutions at Duke University

It's important for those of us working on carbon markets to have a sense of how they work on trading desks. *CarbonSim* provides that and more, all while being tactile, competitive, and lots of fun.



**Dan Vermeer**  
Executive Director and Associate  
Professor, Center for Energy,  
Development, and the Global  
Environment, Duke Fuqua School  
of Business

*CarbonSim* immediately shifted my students from passively reading about climate change to experiencing the real-life choices of carbon market participants. They didn't just learn about mitigation options; they felt the tensions of balancing short-term and long-term priorities, anticipating others' actions, making profits, and considering alternative futures. Working in teams with peers, *CarbonSim* stimulated important learning conversations, and created excitement about the potential for carbon markets. Simulations like *CarbonSim* are powerful tools that bring complex concepts to life for students.



**Josh Margolis**  
Commercial Advisor, Emergent  
Forest Finance Accelerator

*CarbonSim* is a fun and engaging tool that is both educational and inspirational. It markets and it demonstrates that well-designed emissions trading systems can be used to bend the climate curve and while also securing beneficial near and long-term environmental, economic, and social outcomes.



**Paul Yeo**  
Chief Executive Officer,  
Confexhub Group

*CarbonSim* simplifies the complexity of carbon trading. The hands-on approach, the real-time dashboard, and the analytics tools help to hone the skillset of the competency gaps of any aspiring carbon professional or trader. *CarbonSim* indeed simulates the real-time market and provides the necessary decision support tools needed to improve carbon trading decision making.