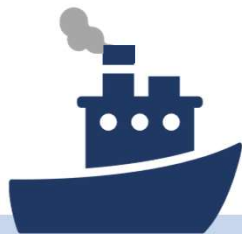




# **THE CLAIM BEFORE THE STORM**

Ángel Castañeda  
Joshua Rossy  
Marco Uribe

# ICEBREAKER



# OUTLINE



**Background**



**Reducing Exposure**



**Carbon Pricing**



# WHAT IS ACTUARIAL SCIENCE?



Predicting and managing **risk**



There are two actuarial societies



Balancing **premiums** with **liabilities**



SOA: Health, Life, Pensions, etc



Usually working in **insurance**



CAS: Property and Casualty Insurance

# WHAT IS PROPERTY & CASUALTY INSURANCE?



A broad category involving **loss** or damage of **property** or other liabilities



Vehicle insurance, homeowner's insurance, theft insurance, and more



# INCREASING FLOODING COST IN FLORIDA

Florida flooding **premiums** expected to grow **50%** from 2019 to 2050 because the **increase** in flooding **damages** in Florida will be higher than the cost of:

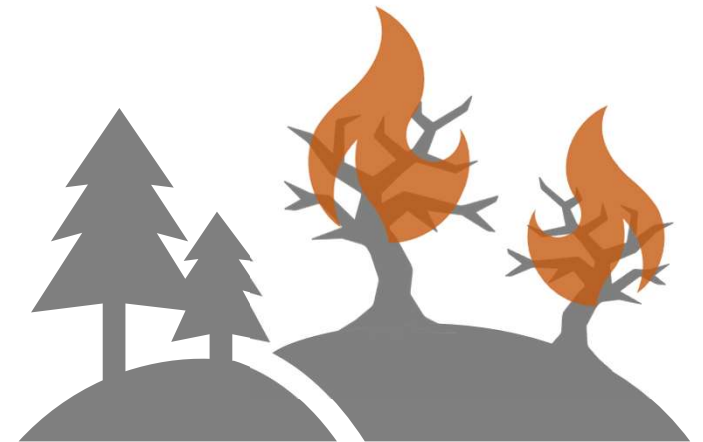
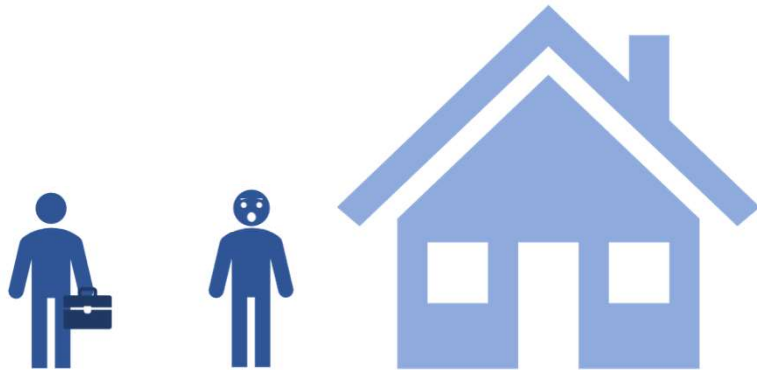


# WILDFIRE PROTECTION CASE STUDY

Insurer in western United States is a **pioneering** lower liabilities

When a wildfire nears a policyholder's home, **fire experts** are deployed to gauge the situation, and household possessions are **transported** in advance

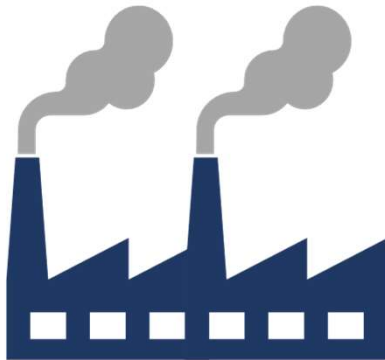
Unique way of **lowering exposure** without just cutting coverage



# PRIVATE CARBON PRICING



Carbon pricing is tax on carbon emissions, a **negative externality**



Insurance companies are highly responsive to **bad habits**

**Insurers** will correct by increase premium rates on carbon producers to **disincentivize emissions**



# TAKEAWAYS

We hope this presentation has given you a sample of the future of P&C insurance and climate change and inspired you to learn about it yourselves



# ADDITIONAL READING

[tinyurl.com/claimbeforethestorm](https://tinyurl.com/claimbeforethestorm)

