

- 1. Mark the Accumulated Emissions you generate according to your Emissions per Round.
- Play a Resources card.
  - Buy or sell Allowances.
- Implement a Mitigation Action.
  - Buy Offsets tokens.

i h



RECORTA POR LA LÍNEA PUNTEADA























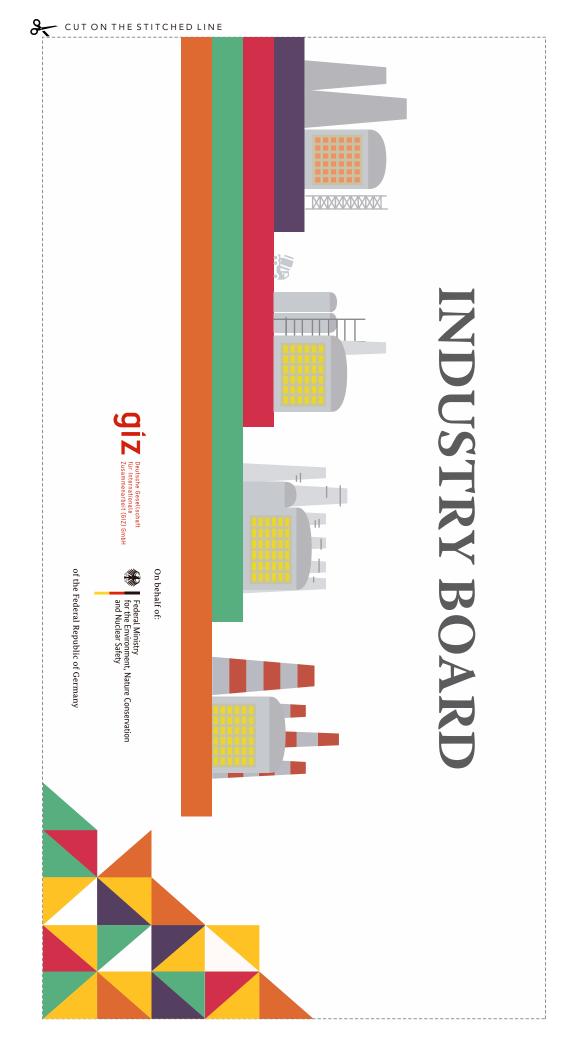






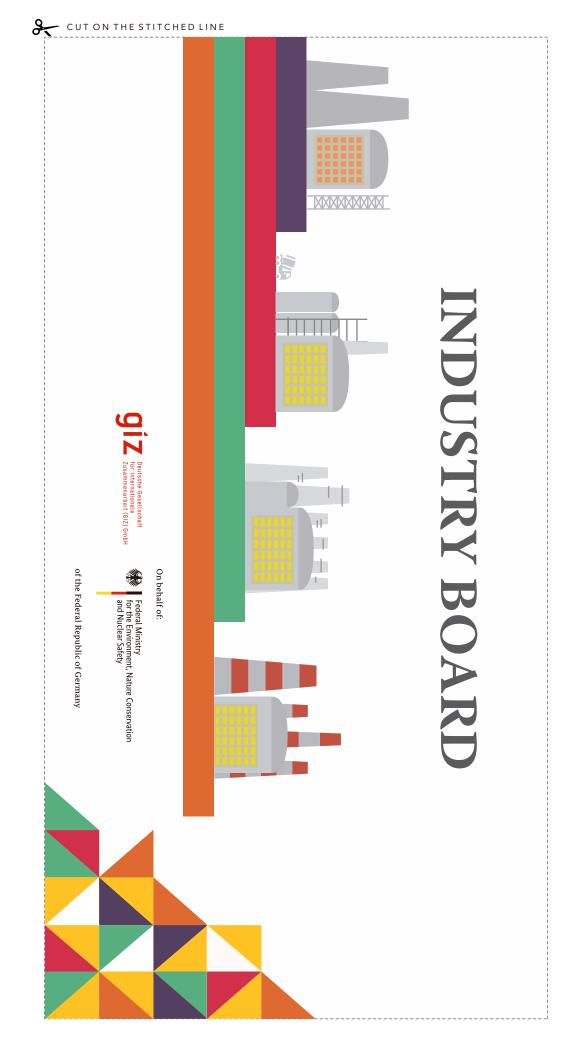




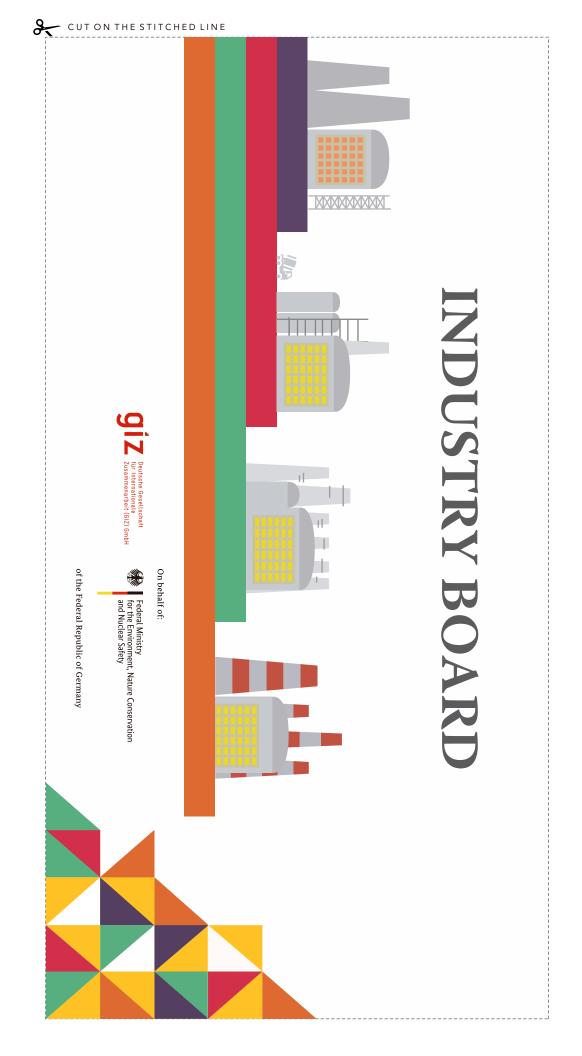


CUT	ΟN	THE	STIT	CHED	LINE	
C 0 1	OIV		9111	CILLD		

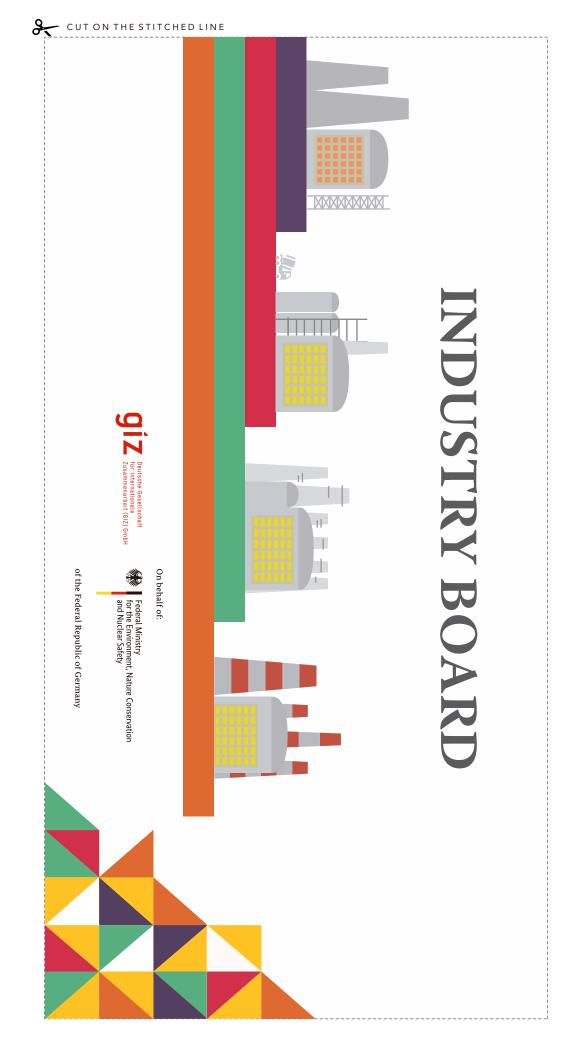
20 II	40	TO (	ons owing:
19	39		JRN r Emissions y r Emissions y Action.
78	30	9	IN YOUR TURN  1. Mark the Accumulated Emissions you generate according to your Emissions per Round.  2. Take a Resources card.  3. You can do one or more of the following:  • Play a Resources card.  • Buy or sell Allowances.  • Implement a Mitigation Action.  • Buy Offsets tokens.
17	37		IN YOUR Thank the Accumulated Engenerate according to your Rake a Resources card. You can do one or more oblay or sell Allowances. Implement a Mitigation Buy Offsets tokens.
16	36	œ	Mark the generate oer Roun lake a Refou can con Play a Refound on Second of the second
15 III	35	6	- 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
14	34	10	
13	33	11 10	#
12	32	H	
	31	~	eriod (S)
10	30	SI	Each Period
6	29	DUSTRY	H40 CAN HOWANGES Period  Allowances per period  25 20 15
00	28	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
7	27		2
9	26		MITIGATION
2	25 I	REFINERY IN	MIT
4	24		
က	23	E	NON
2	22		MITIGATION ACTIONS
_	21		ĭ ₹



19 20 I	39 40	IN YOUR TURN  1. Mark the Accumulated Emissions you generate according to your Emissions per Round.  2. Take a Resources card.  3. You can do one or more of the following:  • Play a Resources card.  • Buy or sell Allowances.  • Implement a Mitigation Action.  • Buy Offsets tokens.
00	ω (Υ)	UR TU and and.  and.  more of card.  ances.  ances.
17	37	IN YOUR TURN Accumulated Emissions according to your Emis do sources card. do one or more of the f tesources card. sell Allowances. tent a Mitigation Action seets tokens.
16 II	36	IN YOUR TURN Mark the Accumulated Emissions generate according to your Emiss per Round. Take a Resources card. You can do one or more of the fo Play a Resources card. Buy or sell Allowances. Implement a Mitigation Action.
15	35	- vi wi wi yi
14	34	
13	33	
12	32	
<u></u>	31	
10	30	
6 ≡	29	
00	28	
7	27	Each Period -20
9	26	Each Period +20 Allowances per period  16 20 16 20 16 9
Ŋ	25	Each Period  Allowances per period
4	24	Σ
က	23	NON
7	22	<u> </u>
<u></u>	21	MIT



0		ä
20	40	you ions lowing
19	39	URN issions or Emissions Action.
<u></u>	30	IN YOUR TURN Accumulated Emissions according to your Emis I. Sources card. Sources car
17	37	IN YOU.  In YOU.  In YOU.  In YOU.  In YOU.  In YOU.  In Accumulate  In Round.  In Round
16	36	IN YOUR TURN  1. Mark the Accumulated Emissions you generate according to your Emissions per Round.  2. Take a Resources card.  3. You can do one or more of the following:  • Play a Resources card.  • Buy or sell Allowances.  • Implement a Mitigation Action.  • Buy Offsets tokens.
15 I	35	4
14	34	
<u>~</u>	33	
12	32	
11 II	31	
10	30	STRY
6	29	
00	28	
_	27	Each Period wances per p
9	26	Each Period +15  Allowances per perioc
r.	25	
4	24	
en ⊞	23	STEEL
7	22	ST



### **ENERGY EFFICIENCY**

Discard:



& spend:

**25** 





Discard:



& spend:

**35** 









**CARBON SEQUESTRATION** 

Discard:



& spend:

30





**FUEL CHANGE** 

Discard:



& spend:

25

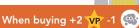


When buying +2 VP -1 (%)











When buying +2 VP -1 (%)



When buying +2 VP -1 (%)

### **REDUCTION OF TECHNICAL** LOSSES

Discard:





**THERMAL EFFICIENCY** 

Discard:



& spend:





When buying +2 VP -1



**FUEL CHANGE** 

SOLAR

Discard:

& spend:

**ENERGY** 

Discard:



& spend:





**GAS BURN REDUCTION** 

Discard:



& spend:







RESIDUAL **HEAT** RECOVERY

Discard:



& spend:





When buying +2 vp -1 🚳



When buying +2 VP -1

**CARBON SEQUESTRATION** 

Discard:



& spend:



CHANGE MACHINERY

Discard:



& spend:





**CARBON SEQUESTRATION** 

Discard:



& spend:





**CARBON** SINK

Discard:



& spend:





Discard:

**CHANGE** 

**FUEL** 



& spend:





When buying +2 vp -1 @



Discard:



& spend:



**THERMAL EFFICENCY** 

When buying +2 vp -1

Discard:



& spend:



**ELECTRIC ARC OVEN** 

When buying +2 VP -1

Discard:



& spend:



**CARBON SEQUESTRATION** 

When buying +2 vp -1 🚳

Discard:



& spend:



**CARBON** SINK

When buying +2 VP -1

Discard:

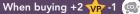


& spend:

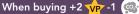


When buying +2 VP -1

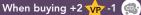














When buying +2 vp -1 (

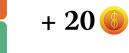






### **PRODUCTION**









### **PRODUCTION**





+ 10



### **PRODUCTION**









### **PRODUCTION**



+ 10 (8)











+ 10



### **PRODUCTION**







+ 10



### **PRODUCTION**









### **PRODUCTION**







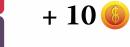
### **PRODUCTION**



+ 20















### **PRODUCTION**



+ 20





+ 10





### **INVESTMENT**

When playing this card place it next to you.

At the end of the period earn + 25 Ceodollars (You only can play one investment card per period.



### **INVESTMENT**

When playing this card place it next to you.

At the end of the period earn + 25 Ceodollars (You only can play one investment card per period.



### **OPTIMIZATION**

+ 10

Also, you can play another Resources card in this round.



### **INVESTMENT**

When playing this card place it next to you.

At the end of the period earn + 25 Ceodollars (You only can play one investment card per period.



### **INVESTMENT**

When playing this card place it next to you.

At the end of the period earn + 25 Ceodollars (You only can play one investment card per period.



### **OPTIMIZATION**

+ 10

Also, you can play another Resources card in this round.



### **OPTIMIZATION**

+ 10

Also, you can play another Resources card in this round.



### **OPTIMIZATION**

+ 10



Also, you can play another Resources card in this round.







### **AUTOMATION**



+ 10





Also, take two Resources cards.



+ 5



Also, take two Resources cards.



### **AUTOMATION**



+ 10



Also, take two Resources cards.



+ 5



Also, take two Resources cards.



### **AUTOMATION**



+ 10



Also, take two Resources cards.



+ 5





Also, take two Resources cards.



### **AUTOMATION**



+ 10



Also, take two Resources cards.



+ 5



Also, take two Resources cards.



### **AUTOMATION**



+ 10 6



Also, take two Resources cards.





Also, take two Resources cards.



### **AUTOMATION**



+ 10





Also, take two Resources cards.







Also, take two Resources cards.



### **EFFICIENCY**

You can play two more Resource cards this round.



### **EFFICIENCY**

You can play two more Resource cards this round.



### **EFFICIENCY**

You can play two more Resource cards this round.





### **OPPORTUNITIES**



Also, take a Resources card.



### **OPPORTUNITIES**



Also, take a Resources card.



### **OPPORTUNITIES**

+ 1

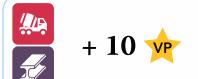


Also, take a Resources card.



### **INNOVATION**







### **INNOVATION**







### **INNOVATION**

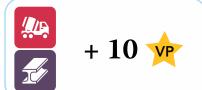






### **INNOVATION**







### **INNOVATION**







### **UPDATE**

Choose the **Resources**cards you want to
change
and discard them.

Take the same number of the Resources cards from the deck.







### **UPDATE**

Choose the **Resources** cards you want to change and discard them.

Take the **same number** of the Resources cards fromthe deck.



### **UPDATE**

Choose the **Resources** cards you want to change and discard them.

Take the **same number** of the Resources cards fromthe deck.



### **UPDATE**

Choose the **Resources** cards you want to change and discard them.

Take the **same number** of the Resources cards fromthe deck.



### UPDATE

Choose the **Resources** cards you want to change and discard them.

Take the **same number** of the Resources cards fromthe deck.



### **TRAINING**

When playing this Resources card place it next to you.

In the next round you will generate one emission less and discard this Resources card.



### **TRAINING**

When playing this Resources card place it next to you.

In the next round you will generate one emission less and discard this Resources card.



### **DIAGNOSTIC**

Change one of your mitigation action for a new one.



### DIAGNOSTIC

Change one of your mitigation action for a new one.



### DIAGNOSTIC

Change one of your mitigation action for a new one.







### **DIAGNOSTIC**



RESEARCH



### RESEARCH

Change one of your mitigation action for a new one.

### Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.

Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.



### RESEARCH



### RESEARCH



### RESEARCH

Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.

### Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.

Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.



### RESEARCH



### RESEARCH



### RESEARCH

### Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.

### Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.

Take 3 Resources cards.

Then, choose two Resources cards from your hand and discard them.







### **ECONOMIC** CRISIS

Crisis! Sales decrease.

All plants lose 5 Ceodollars.



### NATIONAL GOAL

The government discovered that there is an exempt of Allowances.

All plants lose 1 Allowance.



### **INCOMPLETE INFORMATION**

The government verified the emissions of the refinery and deteced irregularities that must be correctetd.

> All plants lose 5 Ceodollars.



### **ECONOMIC GROWTH**

Production increases.

All plants earn 15 Ceodollars, but generate one emission more this round.



### **GOODBYE AGREEMENTS**

An important country announces that it will renounce the Paris Agreement.

> All plants lose a Resources card.



### GOOD **IDEAS**

Chile will open an Emission Trading System in 2024 and and manifest to link with Ceotitlan market.

> All plants take 2 Resources cards.



### FUEL REGULATION

The fuels that come to the country are of better quality, may be more expensive.

All plants lose 10 Ceodollars, but generate one emission less this round.



### **OPENING TO OTHERS ETS**

The Emission Trading System of Colombia trade Allowances with our contry.

Rigth now all plants can buy 1 Allowance to 5 Ceodollars.



### NEW **SYSTEM**

The government of Russia considers the implementation of an Emission Trading System by 2025.

> All plants take a Resources card.

WORLD EVENTS

WORLD EVENTS

WORLD EVENTS







### CEMENT **INDUSTRY TAXES**

China increases taxes to import cement.

The Cement Industry lose 5 Ceodollars.



### CARBON LEAK

To prevent industries from migrating the government gives incentives.

All plants get an Allowance free.



### ZUSAMMENARBEIT

The country cooperates with Germany for a learning networks program.

In this round the plant with less mitigation actions can implement one for a Resources card less.



### **VERIFICATION**

The government commands to verify all industries, in one found irregularities.

The plant with more Ceodollars aads one emission more in this round.



### COMPETITIVENESS RISKS

The government provides transition assistance to smaller industries.

The cement and steel industries get an Allowance free.



### DANIELLE HURRICANE

The effects of this hurricane affect electric transmission networks.

The thermoelectric industry lose 15 Ceodollars.



### **SECTORS**

Mores sectors are added to the Emission Trading System. The government distributes less Allowances.

Two Allowances less wil be auctioned at the next auction.



### **CARBON CAPTURE**

Researchers create concrete that captures carbon.

All plants can implement a mitigation action for 5 Ceodollars less in this round.



### **LACK OF WATER**

The government of Russia considers the implementation of an Emission Trading System by 2025.

The plant with more Resources cards lose 10 Ceodollars.



### At the start of the period

- 1. Receive the Ceodollars indicated in your Industry Board
- the space corresponding to the period 2. Place your Allowances Scoreboard in (|| '|| '|)
  - Take the Resources cards until you have 5 ς.

### At the end of the round 3

- 1. You can offset part of your emissions with Offsets token
- -Sanction: If you have less Allowances you lose 1 vp for each 2. Compare your Allowances with your Accumlated Emissions
- Allowances that you lack
- Return your Accumulated Emissions Scoreboard to zero and places your Allowances Scoreboard in the next period box ..
  - Give the Starter Player Scoreboard to the next player

# 

## **PERIODS**

At the end of the game

- Add 2 ve to the industry with more Ceodollars
  - The industry with more we wins

3

9

L

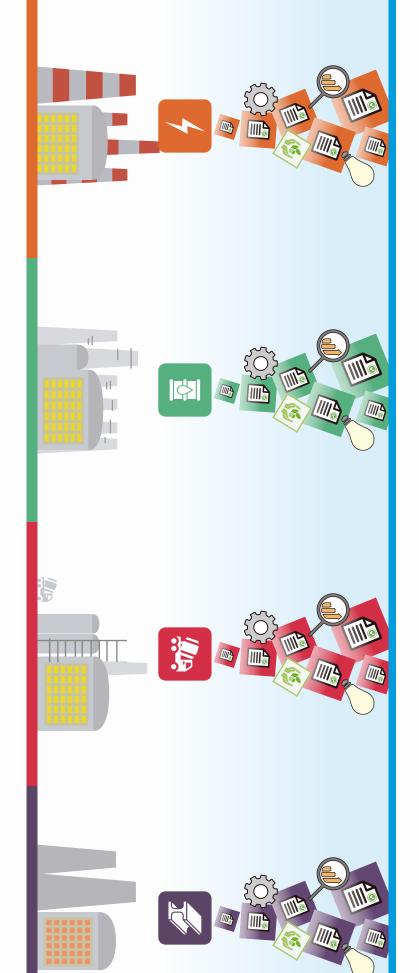
00

9

On behalf of:

Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

## REFERENCE BOARD



**(■** 

comercio.emisiones-MX@giz.de



Find out more!





On behalf of:

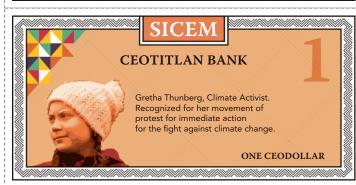
Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

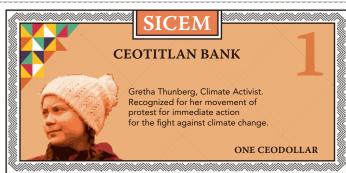
of the Federal Republic of Germany

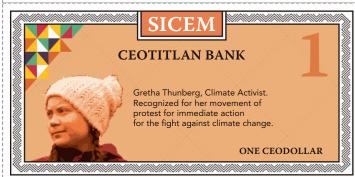






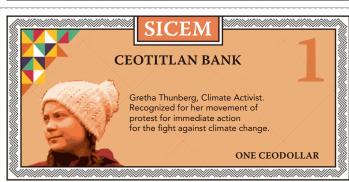




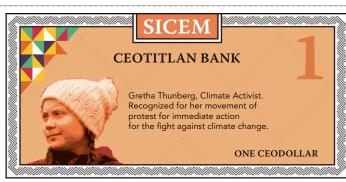


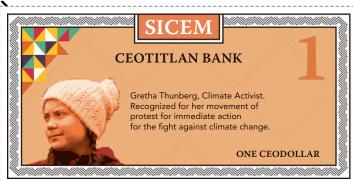


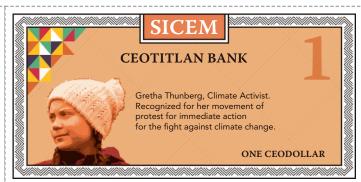


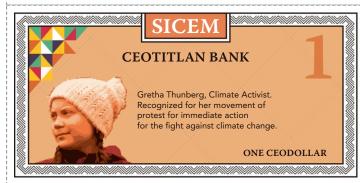


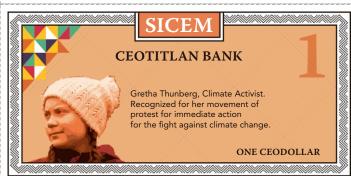


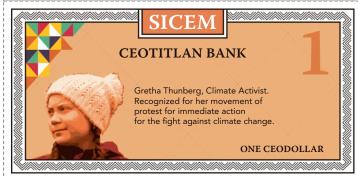


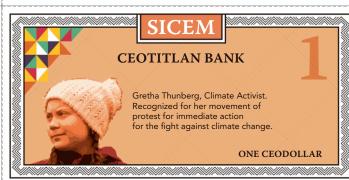




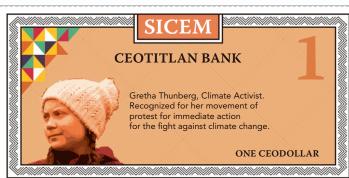


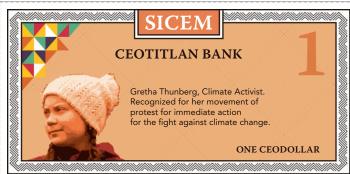


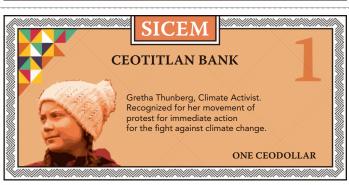








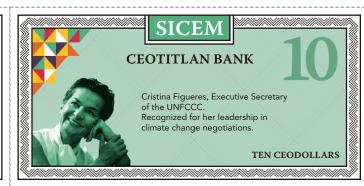






climate change negotiations.

TEN CEODOLLARS











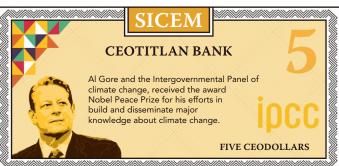


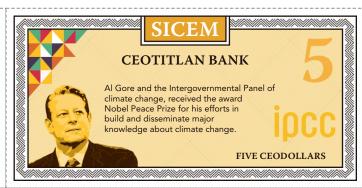


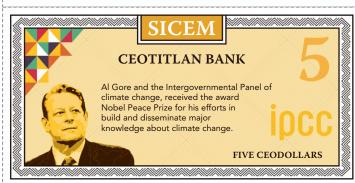


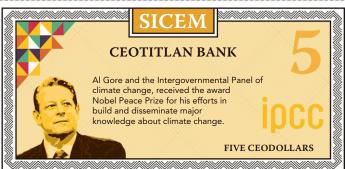


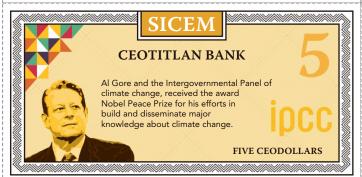


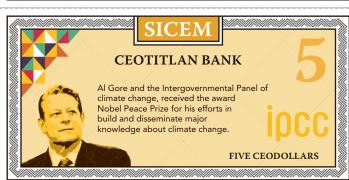


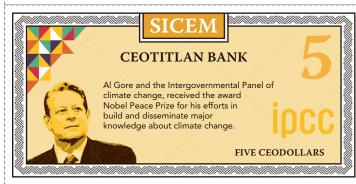


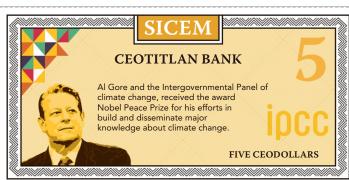




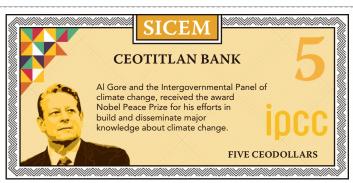


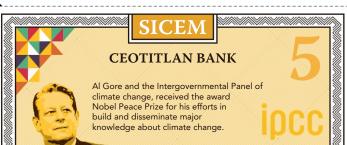












FIVE CEODOLLARS

