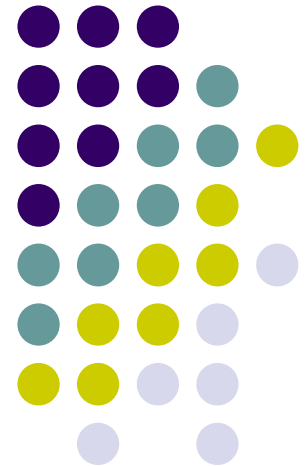


Community Carbon Cooperative

“Bringing the Carbon
Market to San Diego”



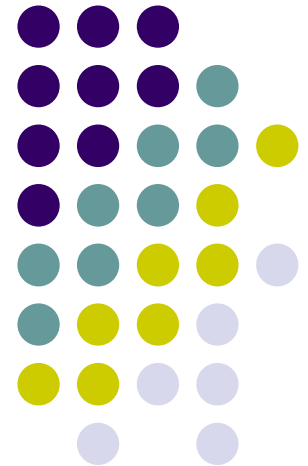
The World is Watching America...

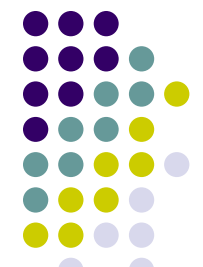


America Is Watching California...



And Because of SB 375...

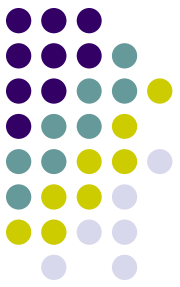




California is Watching San Diego...



And Our Children... Are Watching ALL of US!!

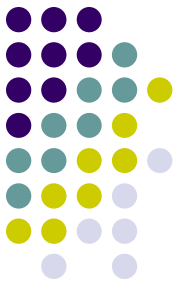


This is OUR time to Lead!





CCubed
Will Be
The First of its Kind
In the World!



In The Next Decade...

The Carbon Market is expected to triple to a \$2.2 Trillion industry by 2020

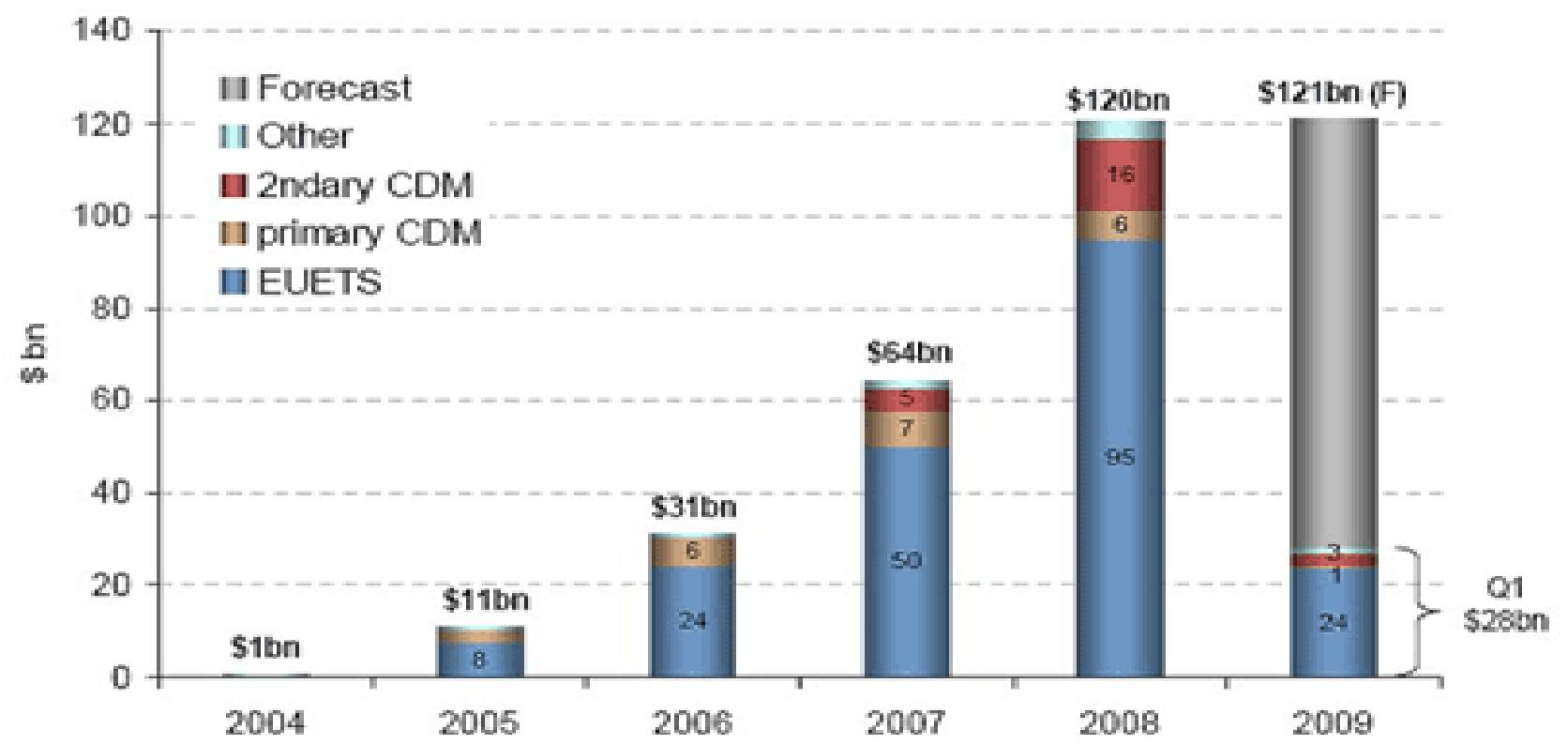


Source: HSBC Analyst Report Sept 2010



03/31/2009

Carbon market size 2004 – 2009



Source: New Carbon Finance

What Is Cap and Trade?

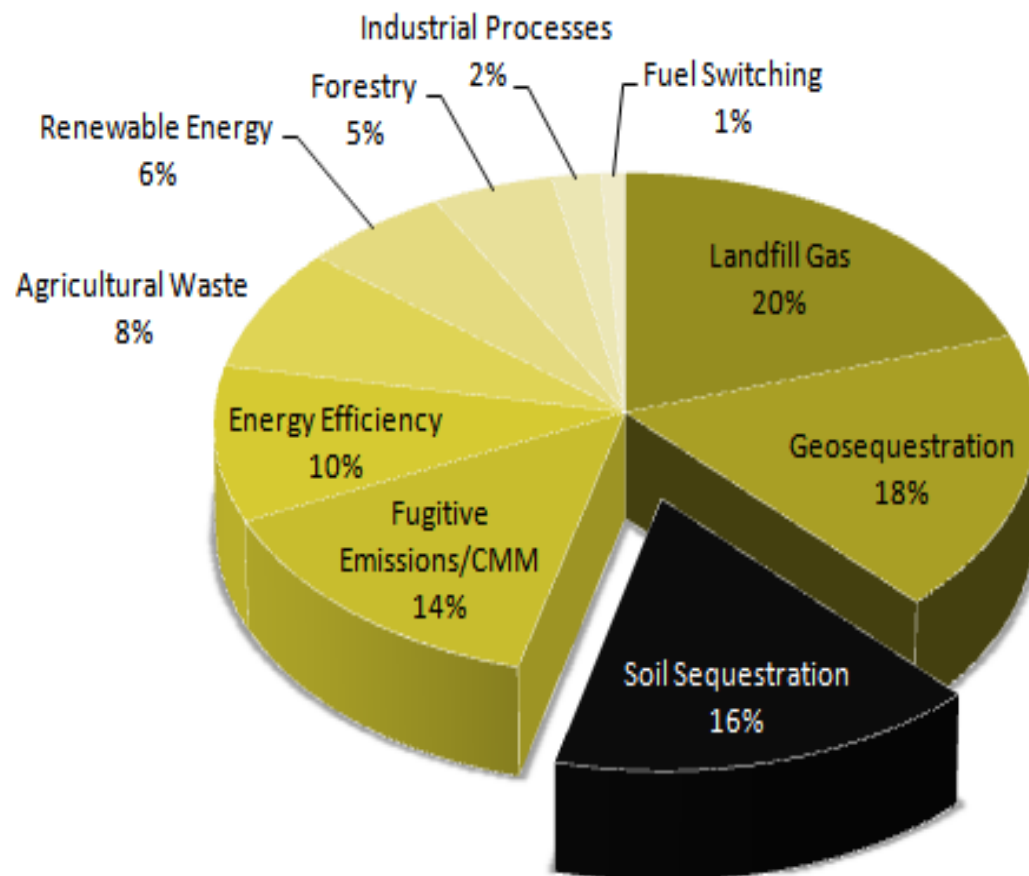




- An Economic Market Based Approach to reducing Green House Gases (GhGs)
- Regulatory body sets a cap on the amount of emissions one company can emit (Cap)
- No mandated technology or process, the market can decide how to comply by either using new technologies, or buying (Trading) credits from other companies that are under their cap or generating credits through offset projects.



US Offset Breakdown 2008



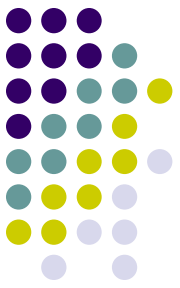
What is CCubed??

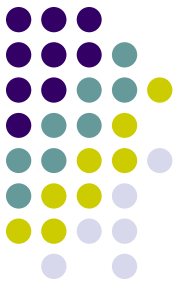


CCubed Will Be Like Casting A Net Around the San Diego Region...



And Pooling Our Energy Efficiency and Generation Efforts As One Offset Project





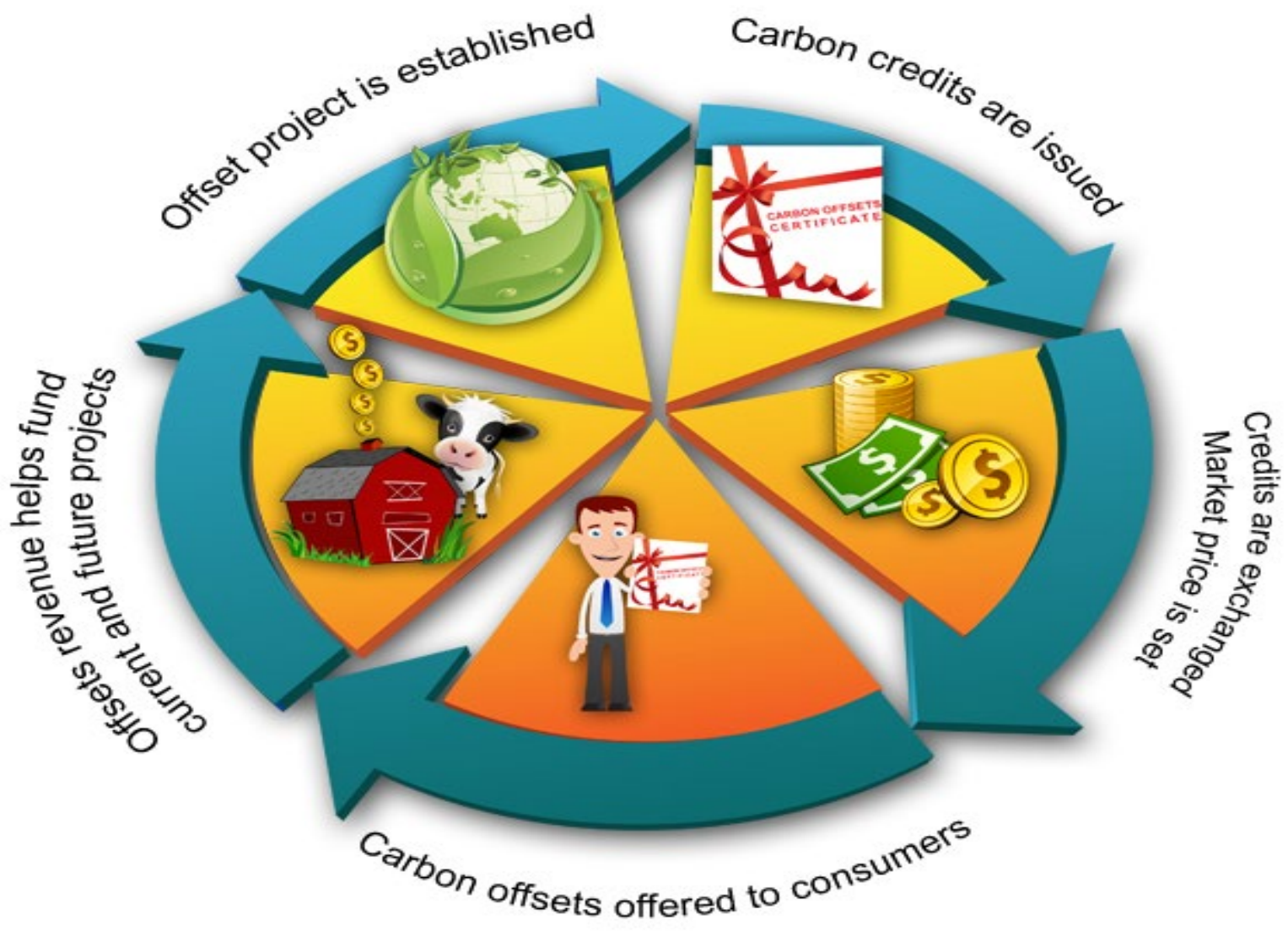
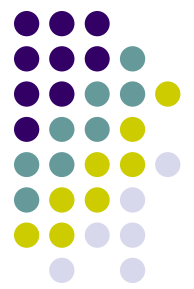
Then Selling Our Carbon Credits On The Market!





Monetizing individuals, families, small business, organizational and municipality activities that because of their size would not be capitalized on in the carbon market.





Community Carbon Cooperative (San Diego C Cubed)



- Incubated by local non-profit organization

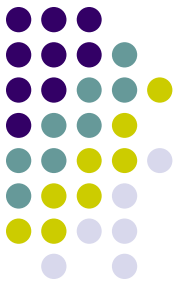


- Producer based Cooperative
- Develops Market, Partnerships, Municipality Relationships, Brings Community into Co-op
- Direct Revenue to Co-op from membership fees and % of profits from carbon sales to operate
- Disburse funds to Co-op members for their carbon commodities



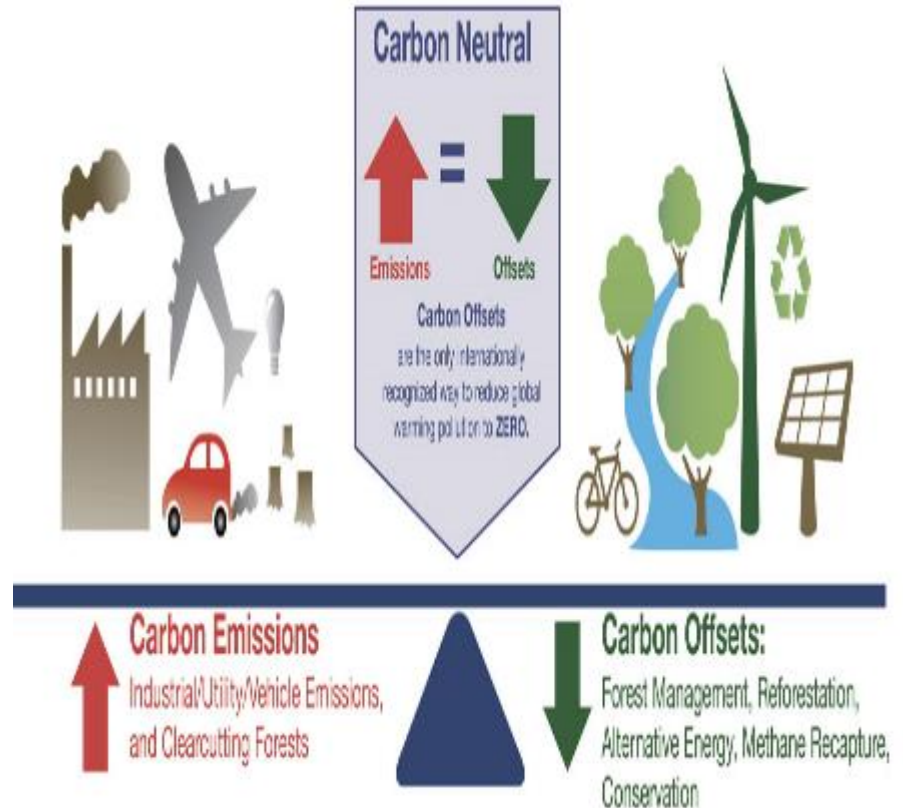
What is a Cooperative?

- Member owned and operated
- Common types of coops: credit unions, food, energy, and agriculture coops
- People from all means, all walks of life, work together for *common good*
- For Profit Corporation Subchapter “T”
- Large growing Coop movement throughout world, in December UN passed resolution that 2012 International Year of Cooperatives

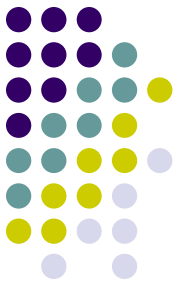


Carbon Instruments

- **Renewable Energy Credit (RECs)**-from generating renewable energy
- **White tags** -from energy efficiency measures
- **Carbon Credits**- farms, land-use, car purchases



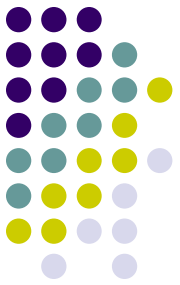
Examples of Community Carbon Activities with Value



- Solar installations
- Solar hot water heaters
- Home weatherization
- Electric car purchase
- Riding transit
- Green roofs
- Landfill methane capture
- Building retrofits
- Planting trees

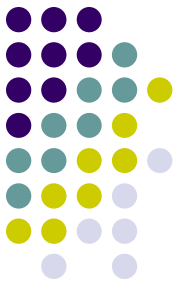


San Diego's Footprint



- San Diego County emitted 34 million metric tons of carbon dioxide in 2006 – an 18% increase over 1990 levels
- In 2006, per-capita emissions for San Diego County were 12 metric tons
- In 2006, emissions from cars and light-duty trucks represented 46% of total greenhouse gas emissions
- By 2020, under a business-as-usual scenario, regional greenhouse gas emissions are expected to be 43 MMT CO₂E, an increase of 9 MMT CO₂E (26%) over 2006 levels and 14 MMT CO₂E (48%) over 1990 levels.
- To meet AB 32 emissions reduction targets (1990 levels by 2020), San Diego County would have to reduce emissions by 14 MMT CO₂E (33%) below projected business-as-usual levels in 2020.

Source-San Diego Greenhouse Gas Inventory-EPIC



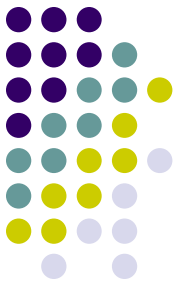
Carbon Market-USA

- In 2008, voluntary carbon market doubled from \$331 million to \$705 million
- Over the counter price of carbon credits increased 20 percent to an average of \$7.34 per ton
- US is the largest source of world carbon credits with 28 percent of volume
- US is the largest consumer of carbon credits with 39 percent of the demand.

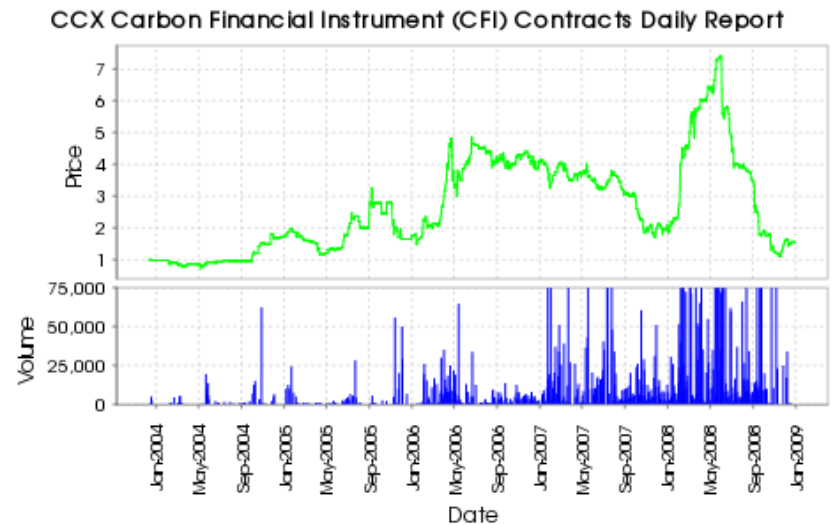
Source: Ecosystem Marketplace and New Carbon Finance, 2009

Evolving Carbon Market

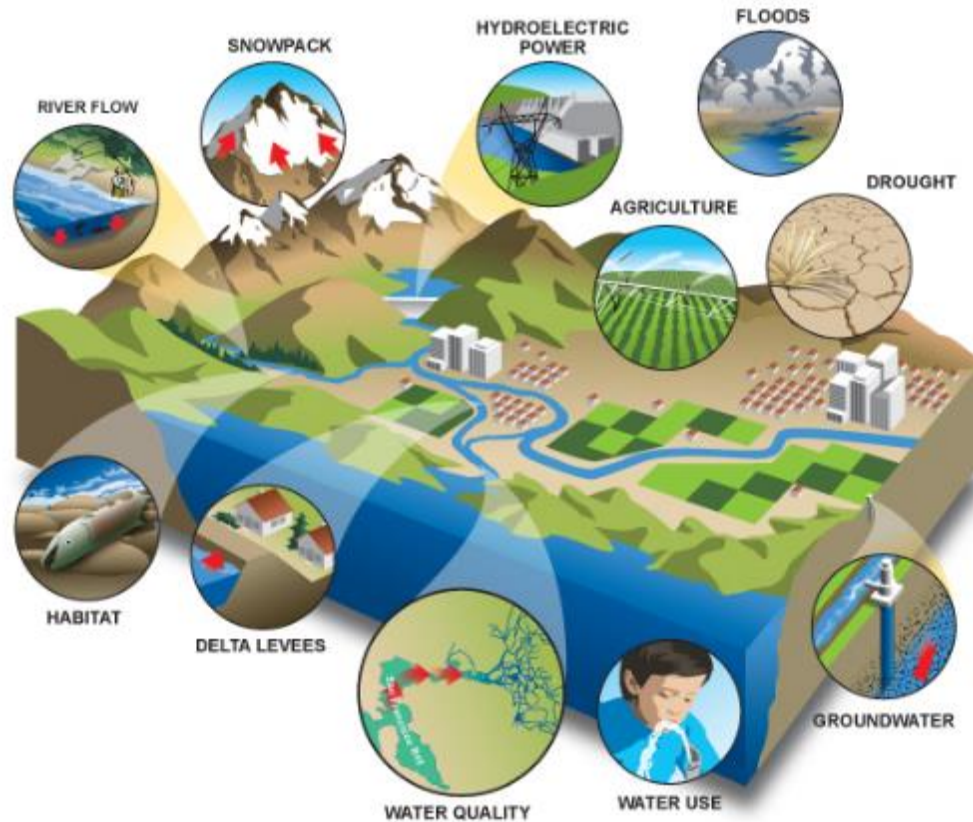
Strong US Appetite



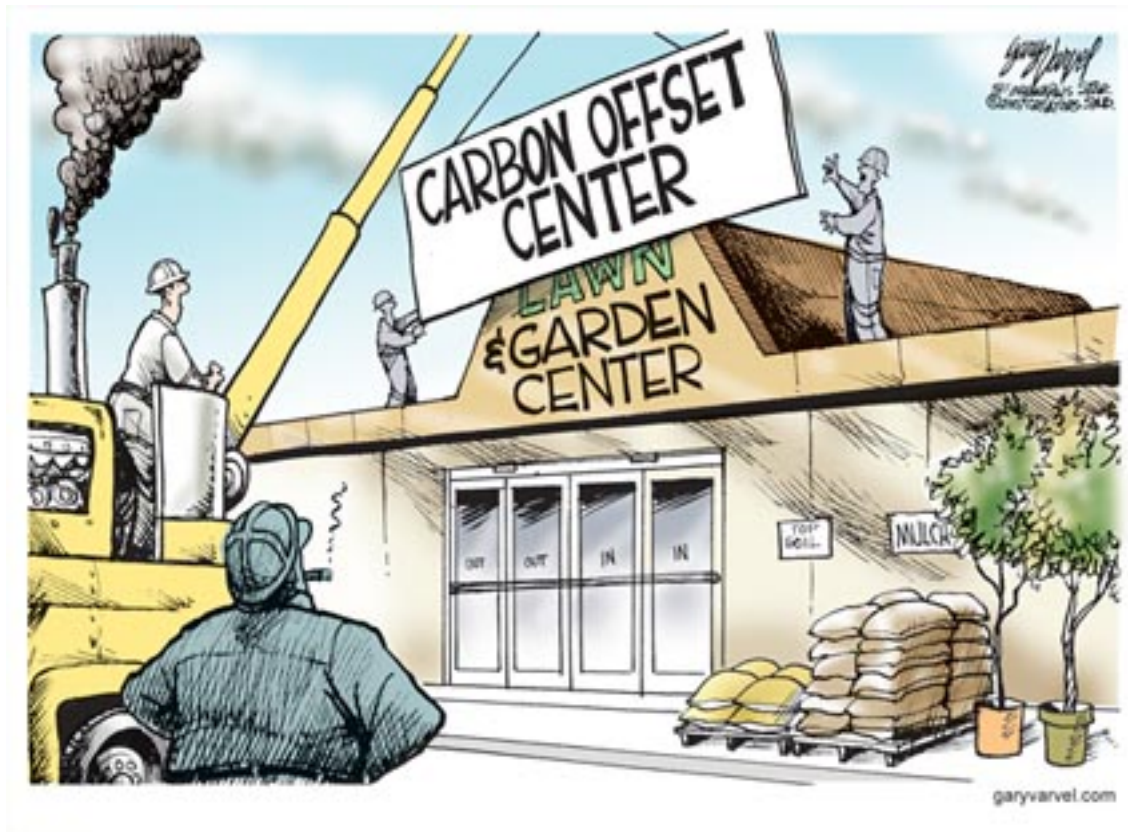
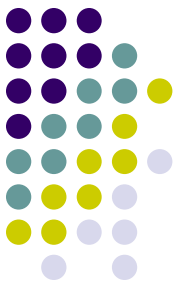
- CCX trades 3,000 to 5,000 contracts per day
- 20% US utilities purchasing
- 11% Fortune 500 companies purchasing
- 17% Dow Jones Industrial companies buying carbon offsets



C Cubed will not only help reduce Climate Change...



BUT will help drive economic development in the region



By Supporting Green Companies and Creating More Jobs



- Energy Auditors
- Solar Installers
- Sustainability Consultants
- Green Suppliers
- Building Trades
- Teachers
- Sustainability Positions within Companies
- Clean Tech Development



But We Have a Threat...



Prop 23...

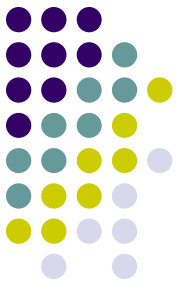




NO
on
23

STOP the
DIRTY
ENERGY
PROPOSITION

STOP
TEXAS
OIL
WELL **NO on 23**



Collaborators

- Sustainability Alliance of Southern California
- University of San Diego, EPIC School of Law
- California Center for Sustainability Energy

Next Steps...

- Form a Board of Directors
- Find a local Municipality to partner with for pilot
- Apply for Funding

About The Project Creators-



- *Dawn Parker-Waites, Founder San Diego Loves Green, Board Member and Director of Communication SASC, Adjunct Professor, SDSU Green Energy Management program, CA No on Prop 23 Advisory Committee.*
- *Ken Sobel, AV rated Attorney in California and Arizona, President United Sustainable Energy, Former Secretary American Solar Energy Society-PV Division, General Counsel SASC*

