

SCOR Industries: 96% Zero Waste

PRESENTED BY



CESAR RIOS

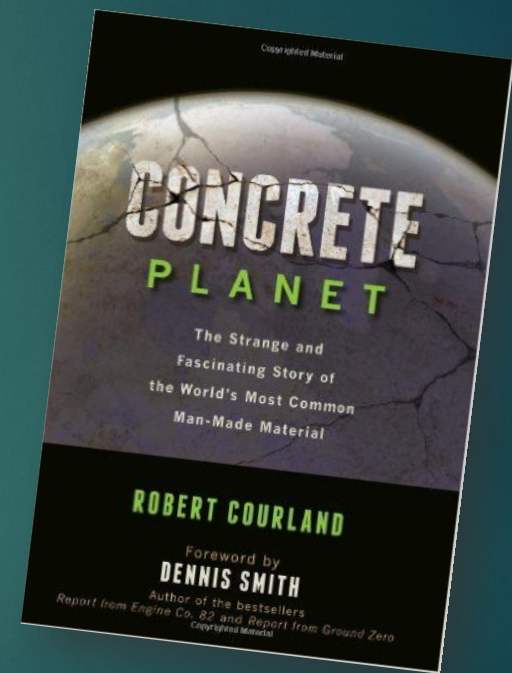
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The World Is Figuratively Covered in Concrete

- ▶ With an annual production of 3 tons per person globally it is the **second** most consumed material on earth, after water
- ▶ It is also a significant source of greenhouse gas emissions
- ▶ 5 percent of global anthropogenic emissions of carbon dioxide



Zero Waste Concrete

- ▶ Researchers and innovators are exploring “greening concrete”
- ▶ Reducing the amount of waste concrete on construction sites
- ▶ Encouraging money-saving methods to recycle concrete collected at demolition sites
- ▶ Providing resource recovery systems to reuse concrete onsite
- ▶ Onsite source separation
- ▶ Post collection processing
- ▶ Resource Recovery Parks

What's Being Done Now?

- ▶ In the Netherlands, for example, concrete waste is banned from landfills and instead must be recycled
- ▶ 38 states in the U.S. use recycled concrete aggregate for road sub-base and 11 states recycle it into new concrete
- ▶ The Construction Materials Recycling Association estimated in 2012 that about 140 million tons of concrete are recycled annually in the United States; road base is the most common end use.
- ▶ Cal Green requires 65% recycling minimum as of January 2017
- ▶ A leader in greening concrete, and reducing, reusing and recycling, **SCOR Industries** achieves 96%

SCOR's Philosophy



SCOR
INDUSTRIES

Think **Zero**
Waste



SCOR Online



<http://www.scorindustries.com/>



SCOR History Is Green

- ▶ SCOR Industries is born out of an industry that began in the early 1970's when construction waste pioneers first managed construction waste, on-site, for California builders of large-scale residential housing projects.
- ▶ SCOR Industries predecessors developed the term "Construction Site Cleanup" and consolidated scrap lumber during framing, stucco during plastering, cardboard during appliance installation, and metals during plumbing and wiring.
- ▶ These pre-consumer scrap materials were separated, containerized and recycled using on-site labor during each phase of construction.
- ▶ Hence, an industry was born that performs the tasks of source separation of construction materials which lead to SCOR Industries' ability to achieve 96% resource recovery at construction and demolition sites.



Resource Recovery Method

- ▶ SCOR Industries employs the “4 CD” method of diversion integrating the necessary components of construction and demolition debris site management required to reach 96%:
 - ▶ On-site source separation labor component
 - ▶ Transport and on-site waste management
 - ▶ Material processing at SCOR Industries’ C&D Resource Recovery
 - ▶ Recycling reporting and municipal code compliance



The Future of Zero Waste

- ▶ The SCOR system of debris management and diversion has made it possible for builders and construction firms to reach Silver and Platinum LEEDs Program certification and compliance with CalGreen, the State's new green-building code which is the most prominent in the United States.
- ▶ Many of SCOR's clients continue zero waste beyond the construction phase



SCOR Represents People

- ▶ SCOR Industries is a certified minority owned business enterprise
- ▶ Over 75 families, most of which are minority, receive their primary income from SCOR



SCOR Represents Growth

- ▶ SCOR is planning to grow its business model regionally, statewide, then throughout the nation
- ▶ SCOR's model is based on **resource recovery parks**, using the concept of urban mining
- ▶ Inerts are its main materials recovered and recycled
- ▶ It is rapidly expanding into plastics and organics
- ▶ Now includes **MRF residues** that are 100% recycled
- ▶ Onsite separation, processing, & manufacturing
- ▶ Includes 100% recycled plastic bottles and clamshell packaging



Questions?

- ▶ Contact Us at 909-820-5046
- ▶ <http://www.scorindustries.com/>
- ▶ 2321 S Willow Ave, Bloomington, CA 92316

