

# Revolutionizing The Construction Material and Waste Industry with Livegistics

Presented by Justin Turk, CEO

## A Family of Builders .....

- Justin Turk, CEO and Founder of Livegistics
- Over 25 years experience in the construction industry
- Leading provider of waste and material management software— recognized for our ability to simplify complex processes and drive progress in the industry.



# Our Vision

Our vision is to **lead a global shift towards advanced and unified waste and material management**, where a single platform connects all key participants, positively impacting communities.

We aspire to cultivate a world where **seamless collaboration and clear communication** fuel *sustainable and efficient practices*, contributing to a **healthier, eco-conscious environment**.



## Our Mission

Our mission is to **revolutionize waste and material lifecycle management** with a unified platform that connects stakeholders and significantly impacts communities, ensuring **transparency and collaborative efficiency**.

***#HaulResponsibly***



***Haul Responsibly  
with LiveGistics***

## Michigan Hustles Harder.....

- **Moving Weight**
  - National Average = 22 tons / Michigan = 50 tons (excluding frost laws (1 of 16 states))
- **US Construction Has a Productivity Problem ([Chicago Booth Review](#))**
  - but Michigan does not
- [Realtor.com](#) ranked Detroit as one of *America's Top 5 comeback cities*

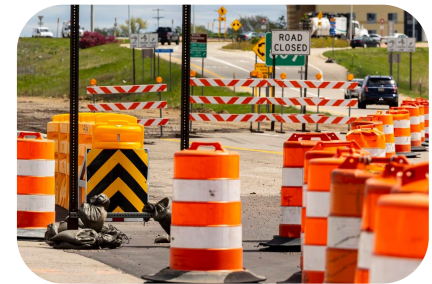


## Current Challenges (Opportunities) in Construction and Waste Management

### Communication Gaps and Disconnected Workflows:

Fragmented communication, siloed data, and outdated collaboration tools lead to delays, rework, and cost overruns in construction projects.

- **70% of Construction Professionals blame poor coordination for delays and cost overruns** ([Levelset Construction Report](#))



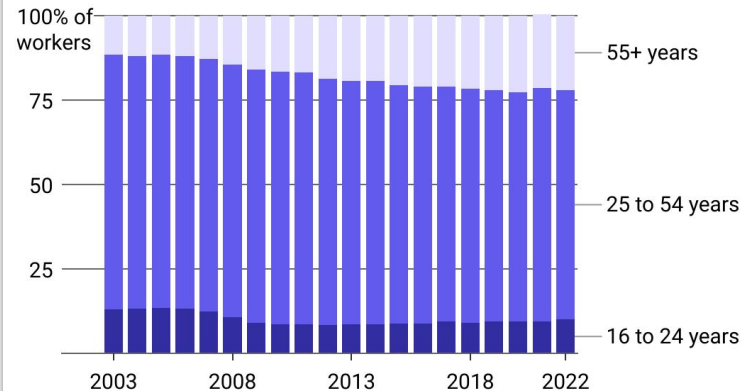
## Current Challenges (Opportunities) in Construction and Waste Management

**Aging Workforce and Skills Gap:** An aging workforce coupled with a lack of skilled labor creates a critical gap in the construction industry.

- In 2022, the median age of construction and extraction occupations workers was .2, and about **45% of construction workers were 45 and older**, according to the most recent Bureau of Labor Statistics data available

### Construction workers are getting older

Nearly 25% of the industry is above 55 years old as the share of young people entering the trade stagnates



Data source: Bureau of Labor Statistics  
By Elena Cox

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## Current Challenges (Opportunities) in Construction and Waste Management

### High Carbon Footprint and Resource Depletion:

Traditional construction methods rely heavily on carbon-intensive materials and contribute significantly to greenhouse gas emissions.

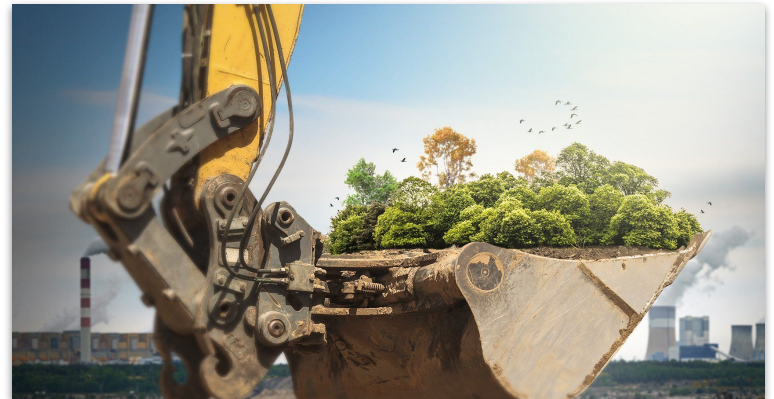
- The building and construction industry currently accounts for **39% of global carbon emissions** ([World Green Building Council](#))





## Current Challenges (Opportunities) in Construction and Waste Management

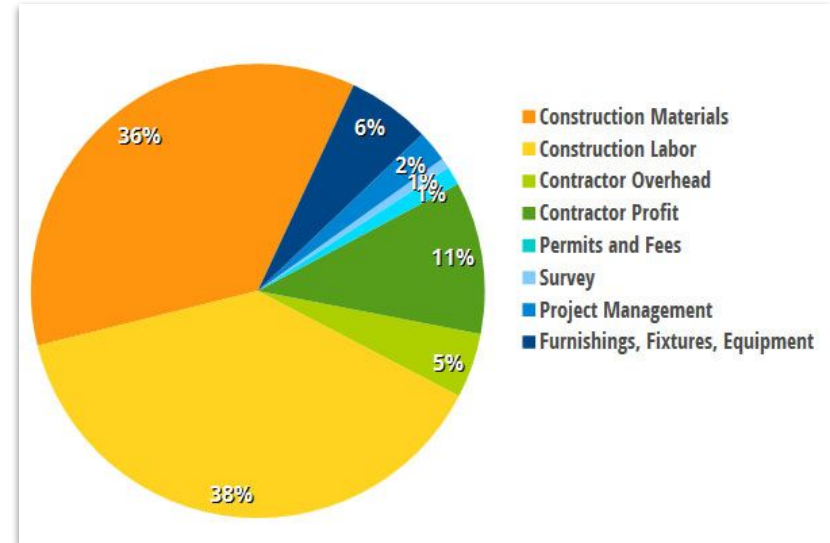
- Construction generates a staggering amount of waste, accounting for **nearly 33% of the world's overall waste.** [BBC](#)
  - **Waste: The Commodity of the Future** ([PA Consulting](#))
    - Reduce
    - Recycle
    - Repurpose



## The Cost of Managing Project Materials

Materials account for **30-35% of total project costs**, compared to labor typically accounting for **30-40% of a project's total cost**. ([STM Education Planet](#)).

- Since January 2020, **construction material prices have risen more than 30%** ([NAHB](#))



## A Different Perspective on Commodities

Almost 90% of Construction Waste Can be Reused/Recycled ([SmartCitiesDive](#))

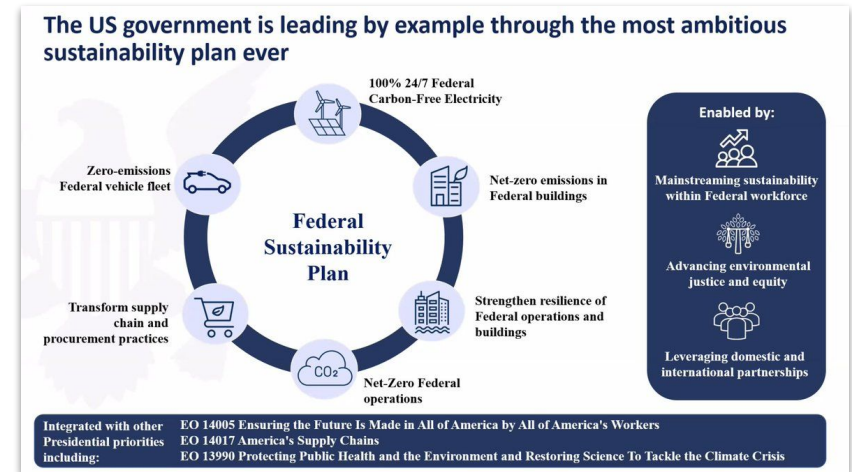
- Concrete dominates the C&D waste landscape, accounting for **567 million tonnes in the US alone (equivalent to nearly 540 Empire State Buildings!)**. (EPA, 2018)
- Roughly 76% of tires in the US are recycled or reused in some way ([Giga Tires](#))



# Change is Coming

## The Federal Sustainability Plan Executive Order 14057

- Net-zero emissions buildings goal by 2045, including a 50% reduction by 2032
- Data-driven 2030 goals and annual targets



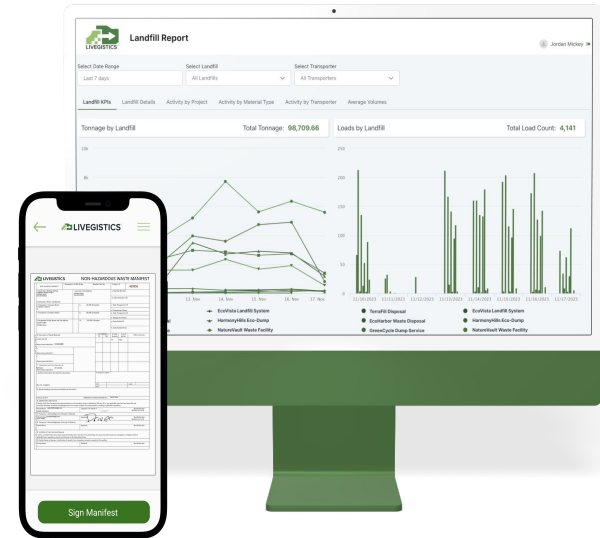
# The Importance of Material Management Software in the Construction Industry

- **Mitigates Project Uncertainties**
- **Contributes to Better Building Quality**
- **Enables more efficient collaboration**
- **Enhances relationships with clients**



# The Importance of Material Management Software in the Construction Industry

- Elevates safety training
- Helps overcome labor shortage obstacles
- Provides opportunities to innovate



# Communities Care that you Care

- **Social Value in Construction**  
**([SitePodium](#))**
  - Social value is all the things that matter to communities and/or society.
    - Maximum value and return on investment
    - Social value boosts staff morale
    - Social value has an impact that lasts



# Q&A/Open Discussion

Justin Turk



[JTurk@livegistics.com](mailto:JTurk@livegistics.com)



@JustinTurk\_CEO



Justin Turk



i\_am\_jturk





# Thank you!

