

# PHOSPHOGYPSUM

## A VALUABLE NATURAL RESOURCE



**Preserving**  
our Environment



**Supporting**  
a Strong Economy



**Strengthening**  
National Security

### WHAT IS PHOSPHOGYPSUM AND WHY IS IT STACKED?

Phosphogypsum (PG) is a normal byproduct of phosphate product manufacturing. PG is safely stored in large structures called gypstacks. It's time to stop stacking it — and start recycling it.

### HOW MUCH PG IS THERE?



**28 MILLION**  
new tons produced each year



**1.7 BILLION**  
tons stacked in the U.S.



**5 TONS**  
of PG per ton of phosphate  
products made

### BENEFICIALLY USING PHOSPHOGYPSUM

Gypstacks are not the only management option for PG. Globally, the phosphate industry has found safe and innovative ways to use PG to build roads, replant forests and even help farmers grow crops.



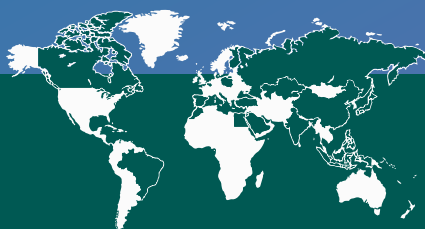
**55+ USES**  
like growing crops and  
reforestation, have  
been discovered



**20+ COUNTRIES**  
including Canada and  
Belgium, already use PG



**~40 MILLION  
TONS GLOBALLY**  
of PG are recycled annually



**IF THEY CAN DO IT,  
FLORIDA CAN TOO**

# FLORIDA'S PG USE ROADMAP



## Federal PG Use Approval History

In 2019, The Fertilizer Institute, a DC-based industry trade group, petitioned EPA to authorize PG for use in roadways. EPA initially approved the petition in October 2020, but then paused approval for reevaluation upon the change in administrations in 2022.

## What This Legislation Achieves

Florida has a unique opportunity to capitalize on an untapped resource that, until now, the Federal government has made inaccessible. This legislation prepares Florida to make PG storage in gypstacks a last resort.

## Florida should:

- ✓ Prepare for future EPA approval
- ✓ Direct FDOT to test the suitability of PG for use as road base

It's time **TO STOP STACKING** PG —  
and start using it.



**SMALLER**  
less visible  
gypstacks



**STRONGER**  
more sustainable  
roads



**CREATE**  
a domestic source  
for rare earths'



**REGROW**  
forests and  
capture carbon



**REDUCE**  
reliance on  
foreign suppliers

