

READY. SET. GO!

STATE OF THE U.S. ETHANOL INDUSTRY

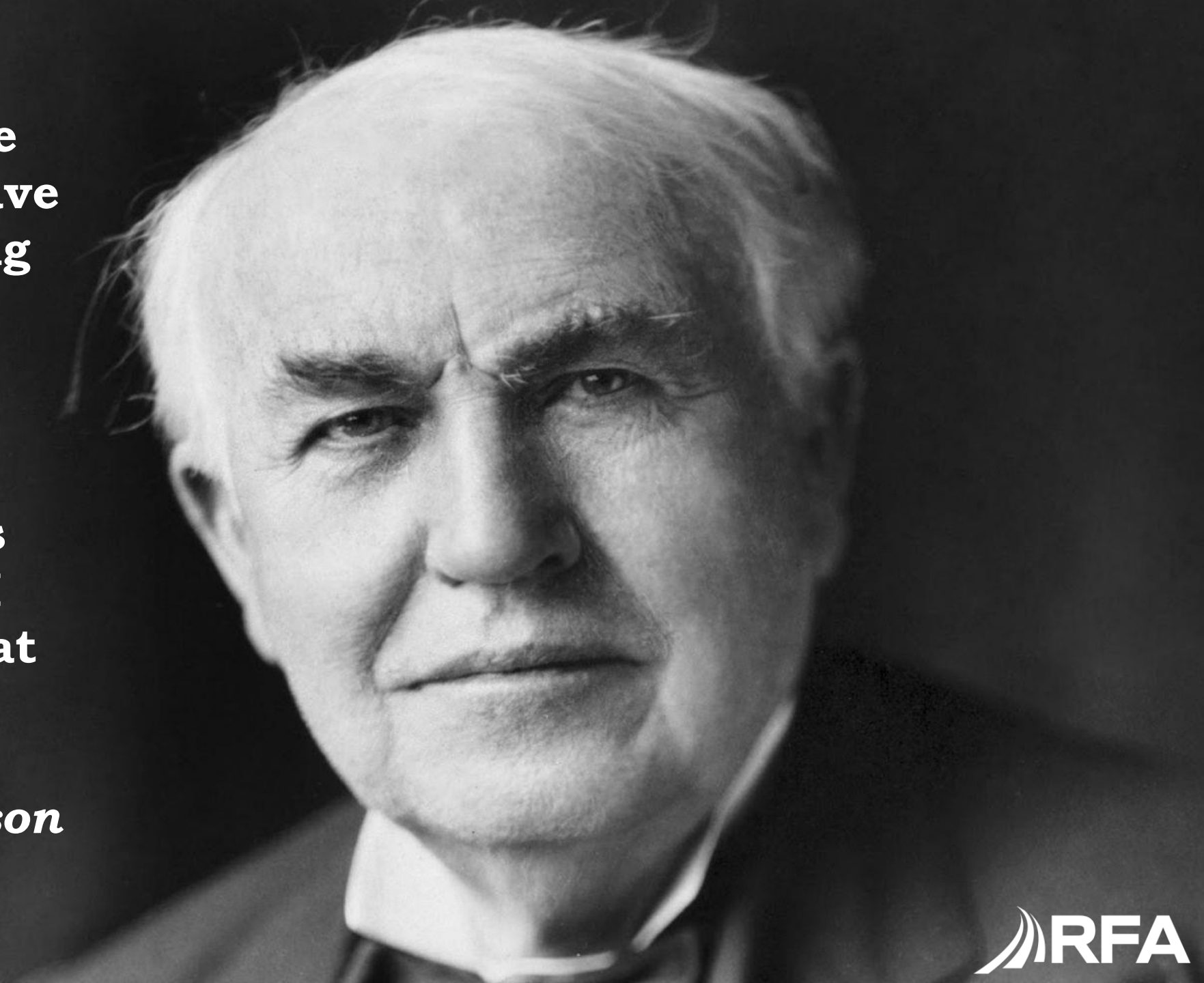
Geoff Cooper
President and CEO

2023 National Ethanol Conference

**“I have not failed
10,000 times. I have
not failed once. I have
succeeded in proving
that those 10,000
ways will not work.**

**When I have
eliminated the ways
that will not work, I
will find the way that
will work.”**

—Thomas Edison



Ethanol Production

15.4 Billion
Gallons

Animal Feed Output

36.4 Million
Metric Tons

Distillers Oil Output

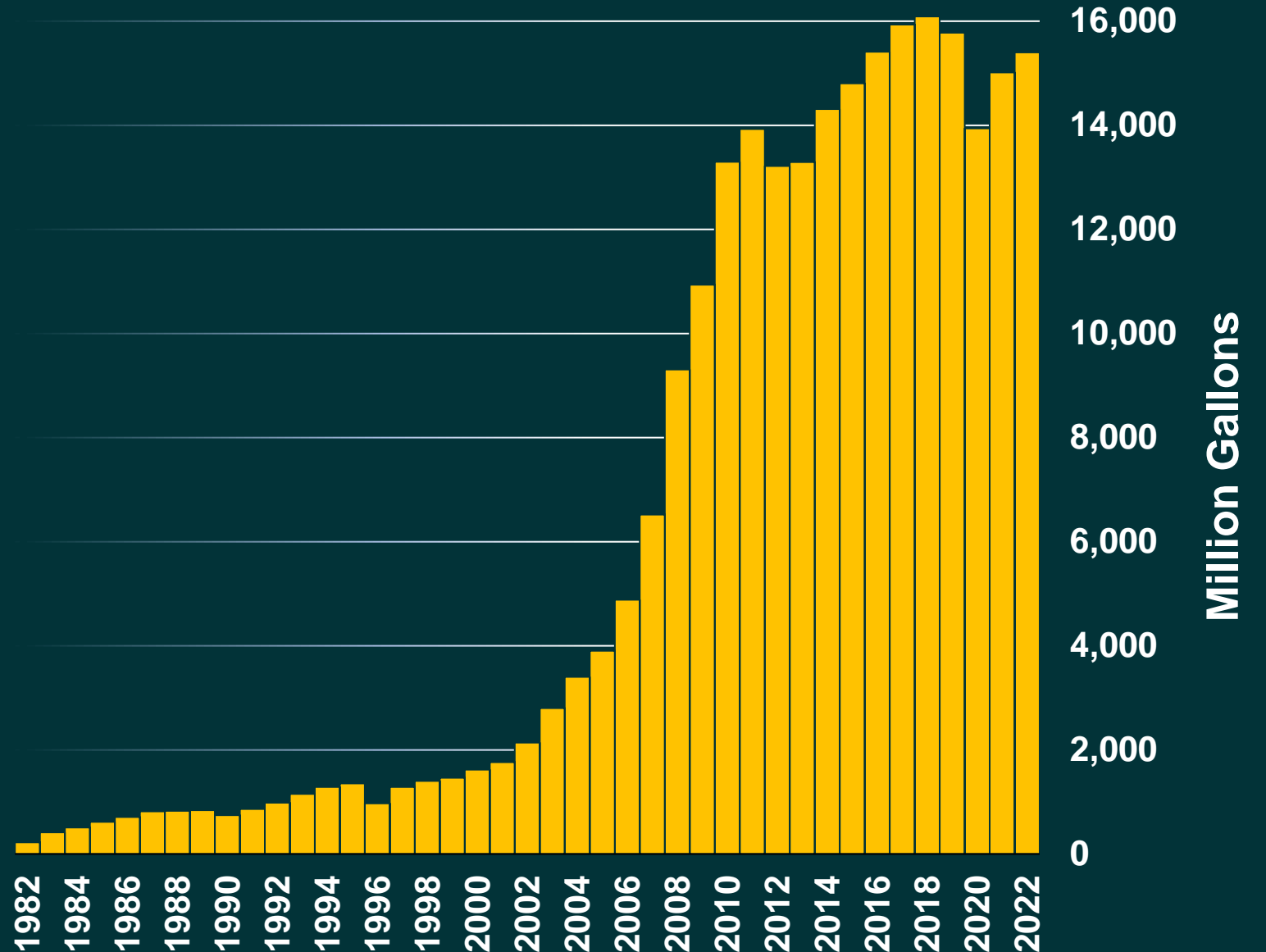
4.2 Billion
Pounds

Ethanol Inclusion Rate

10.4%

Ethanol Exports

1.35 Billion
Gallons



2022 ECONOMIC IMPACTS

- **78,802** Direct Jobs
- **342,876** Indirect and Induced Jobs
- **\$57** Billion in Gross Domestic Product
- **\$34.8** Billion in Household Income



2022 RFS DECISION

“Today’s actions will help to reduce our reliance on oil and put the RFS program back on track after years of challenges and mismanagement.” — *Michael Regan*

- 15 BG Conventional Renewable Fuel RVO
- Highest-Ever Advanced & Cellulosic RVOs
- Denial of Pending SRE Petitions
- Restored Half of 500 MG Remand

“We’d begin to phase out the RFS in 2017 and it would end in 2022. **That has always been the plan. It is slated to end in 2022 anyway.**”

—Sen. Ted Cruz (R-TX)

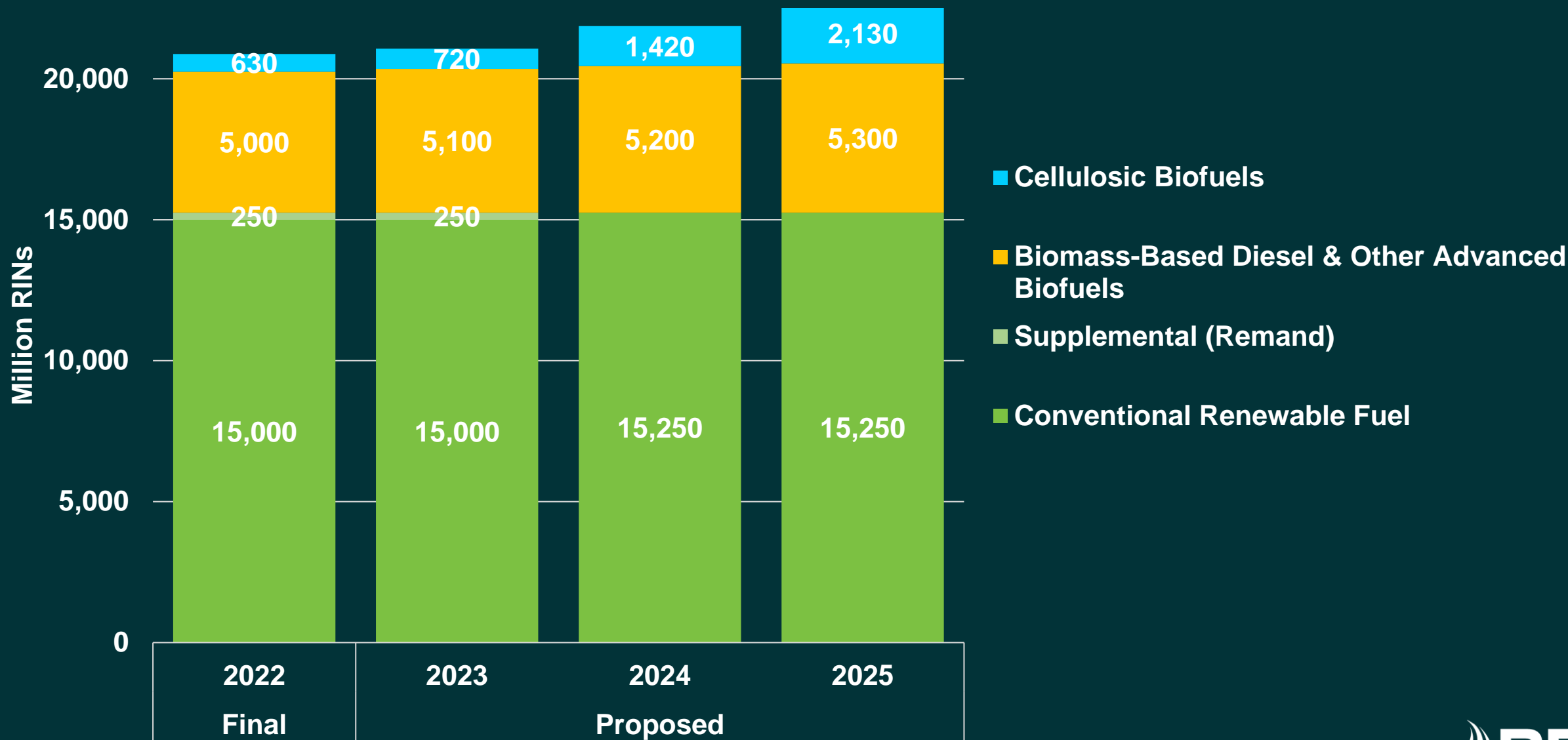


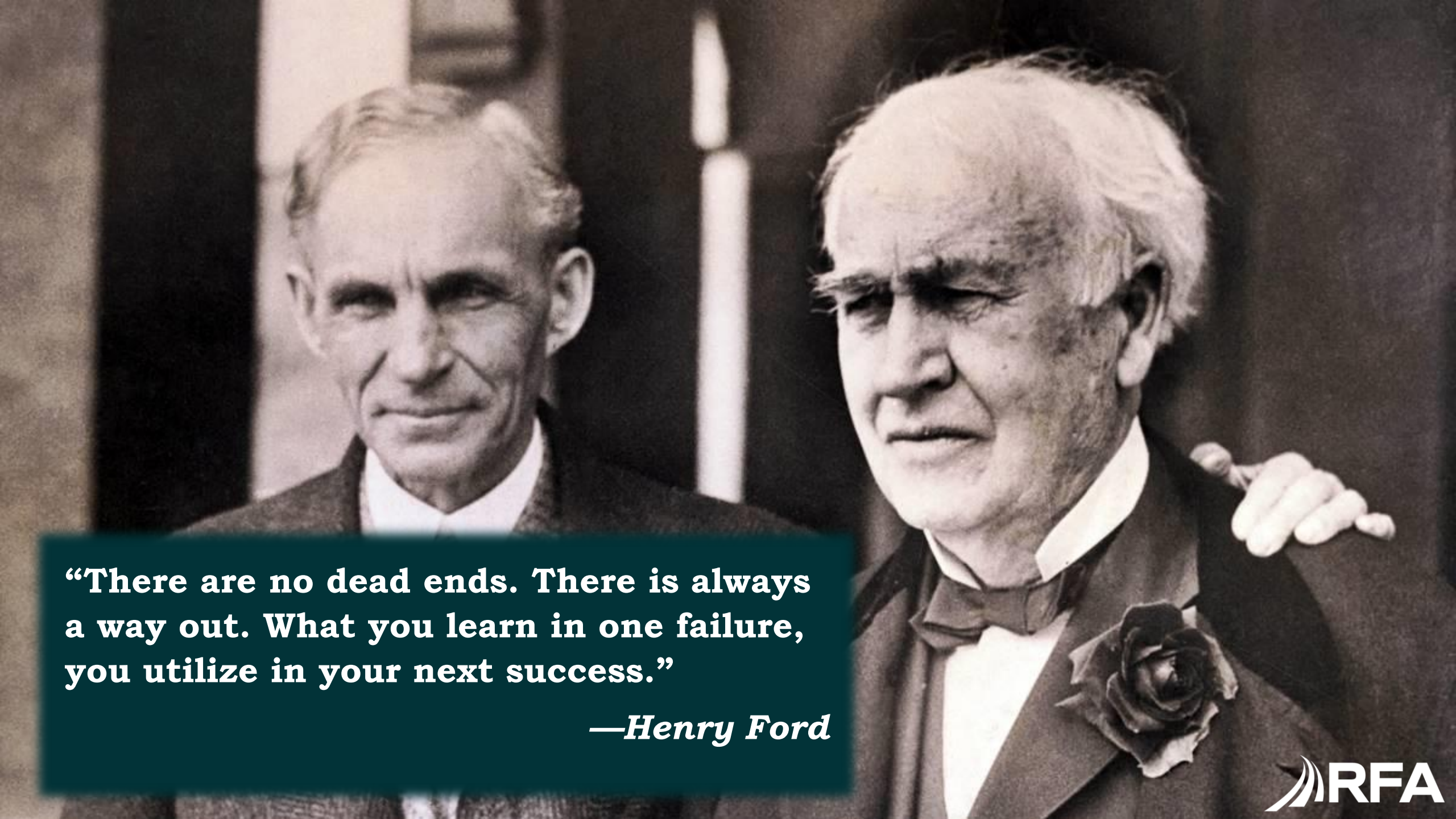
“Beyond 2022, there is not a certain space for corn-based ethanol.” Agreeing to reform would be “**much better than relying on a bunch of bureaucrats beginning in 2022.**”

—Rep. Bill Flores (R-TX)



2023-2025 RFS PROPOSAL





“There are no dead ends. There is always a way out. What you learn in one failure, you utilize in your next success.”

—Henry Ford



Renewable Fuels Association @EthanolRFA · Mar 4, 2022
 Memo to @POTUS: Today in northwest Iowa, #E15 (unleaded88) is selling for 30 cents less than E10! Lower price, higher octane, more HP, lower carbon. What's not to like? Use more #ethanol to lower gas prices! Thank you @KwikTrip!

Renewable Fuels Association @EthanolRFA

Dear @POTUS, #E15 (aka unleaded 88) saves drivers \$0.20-0.30/gal. Those savings disappear on June 1 unless you take action now to allow year-round E15 sales.



**“With this waiver, on June 1,
you’re not going to show up at
your local gas station and see a
bag over the pump that has the
cheapest gas. You’re going to be
able to keep filling up with E15.”**

**— *President Joe Biden*
*April 2022***



INFLATION REDUCTION ACT

- **Clean Fuel Production Credit** (up to \$1/gal.)
- **Sustainable Aviation Fuel Credit** (\$1.25-1.75/gal.)
- **Extended/expanded CCUS Credit** (\$60-85/MT)
- **\$500 Million Higher Biofuel Blend Infrastructure**
- **\$20 Billion in Ag Conservation/Carbon Programs**

“You simply can’t get to net zero by 2050 without biofuels.”

— President Joe Biden

TODAY’S U.S. LIGHT DUTY VEHICLE FLEET

- Internal Combustion Engines (liquid fuel) = **263,920,000**
- Plug-in Hybrid EVs (liquid fuel + electricity) = **950,000**
- Battery EVs (electricity) = **2,370,000**





RFA'S 2023 PRIORITIES

- Positioning ethanol as a low-cost, low-carbon solution
- Protecting and defending the RFS
- Securing year-round E15
- Eliminating trade barriers
- Ensuring smooth IRA implementation
- Ensuring a prominent role for ethanol in discussions of Clean Fuel Standard and Next Generation Fuels Act