



We will begin momentarily at 2pm ET



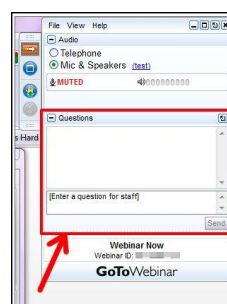
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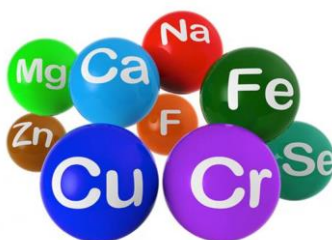
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 Albany Molecular
 Research Inc.



Michael McCoy
 Chemical &
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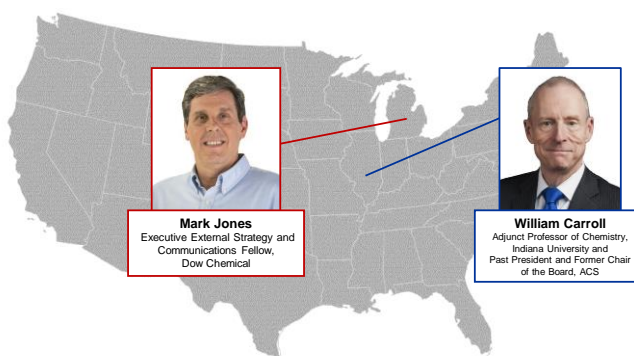
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“The Good, The Bad and the Uncertain: Public Perception of the Chemical Enterprise” Session 3 of the 2017 Industry Science Series



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The Good, The Bad, and the Uncertain:

Public Perception of the Chemical Enterprise

Mark Jones

*Executive External Strategy and Communications Fellow
The Dow Chemical Company*

13 April 2017





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■ Remaining






22

■ Gone



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<p>MORE THAN 96% OF ALL MANUFACTURED GOODS ARE DIRECTLY TOUCHED BY THE BUSINESS OF CHEMISTRY</p> 	 <p>THE BUSINESS OF CHEMISTRY IS AN \$800 BILLION ENTERPRISE</p>	<p>CHEMICAL COMPANIES INVESTED \$93 BILLION IN RESEARCH AND DEVELOPMENT IN 2015</p> 
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American
Chemistry
Council
JUNE 2016



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 <p>THE BUSINESS OF CHEMISTRY SUPPORTS NEARLY 26% OF THE U.S. GDP</p>	<p>THE BUSINESS OF CHEMISTRY ACCOUNTS FOR 14% OF U.S. EXPORTS \$184 BILLION IN 2015, AND IS THE LARGEST EXPORTER IN THE U.S</p> 	 <p>A LEADER IN PRODUCTION, THE U.S. CHEMICAL INDUSTRY PROVIDES OVER 15% OF THE WORLD'S CHEMICALS</p>
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American Chemistry Council
JUNE 2016



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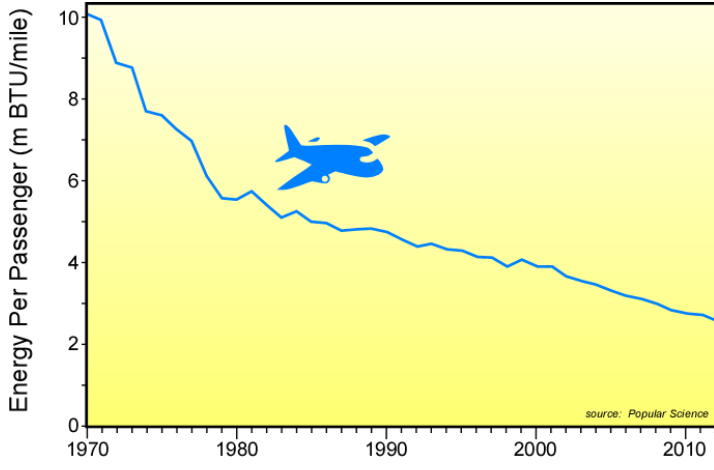


 <p>FOR EVERY JOB CREATED BY THE BUSINESS OF CHEMISTRY, 6.3 ARE GENERATED ELSEWHERE IN THE ECONOMY, TOTALING NEARLY 6 MILLION JOBS</p>	<p>THE BUSINESS OF CHEMISTRY PROVIDES 810,000 SKILLED, GOOD-PAYING AMERICAN JOBS</p> 	 <p>THE AVERAGE ANNUAL PAY IN THE BUSINESS OF CHEMISTRY IS \$94,000 THAT'S 47% HIGHER THAN THE AVERAGE MANUFACTURING PAY</p>
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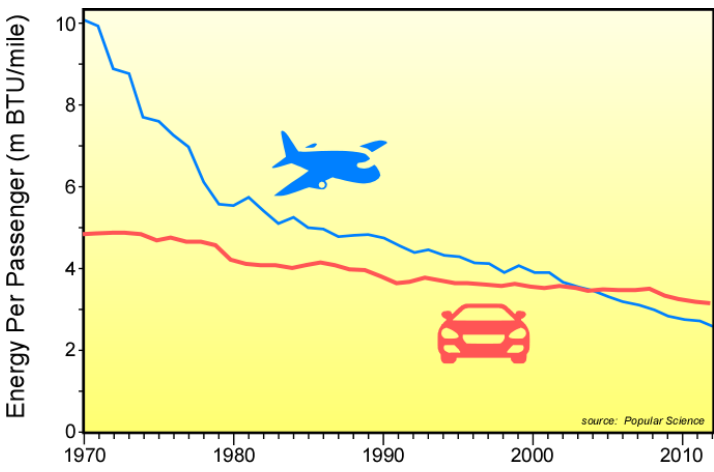
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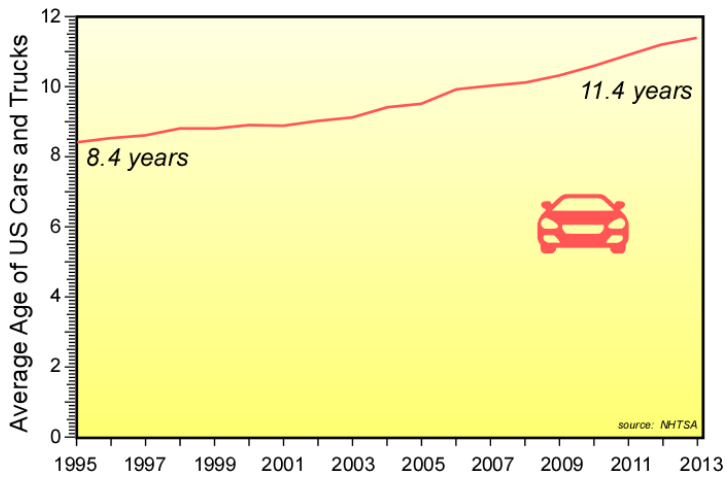
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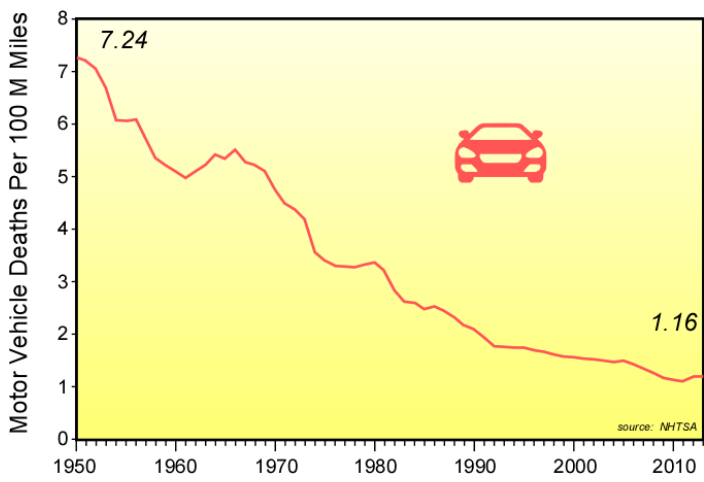
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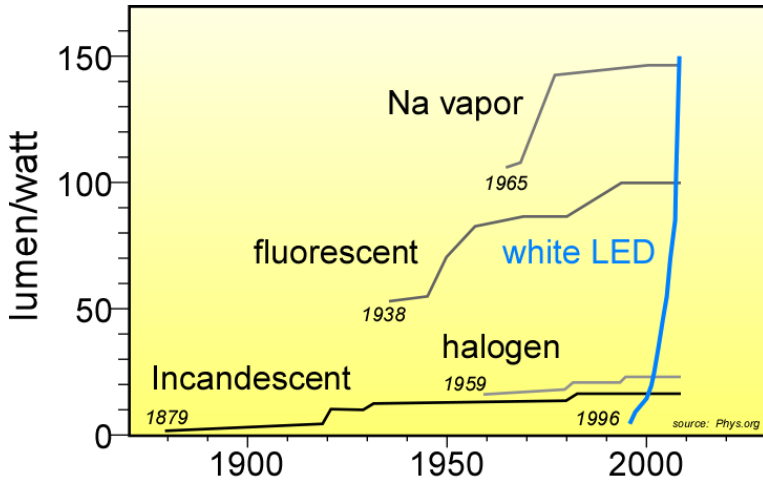
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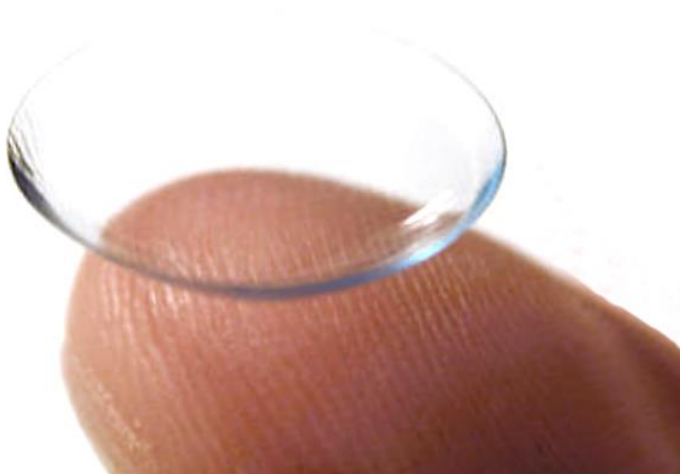
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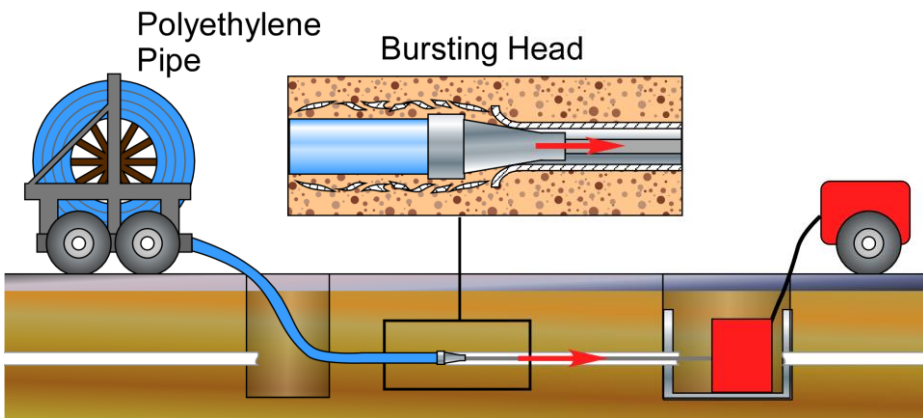


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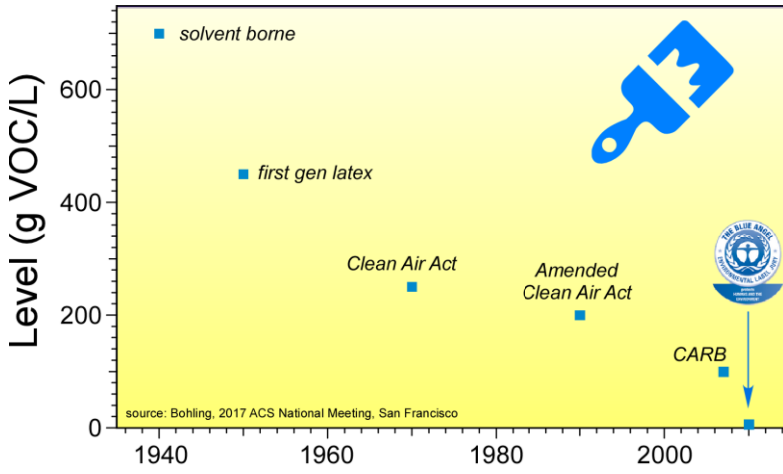


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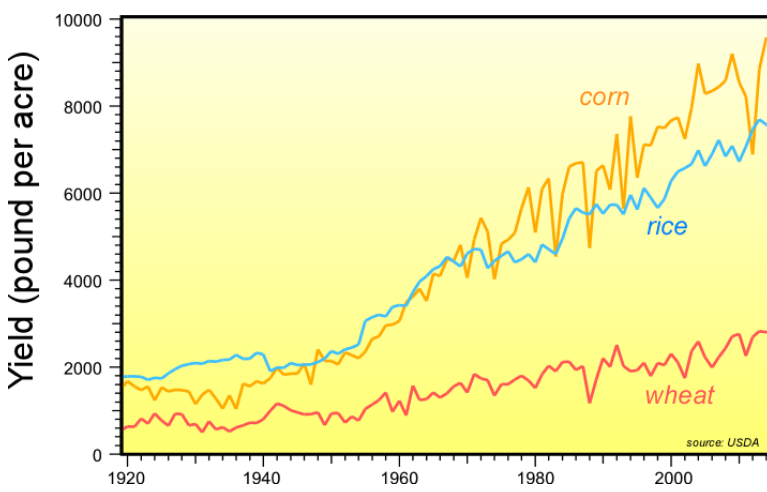
Pipe Bursting



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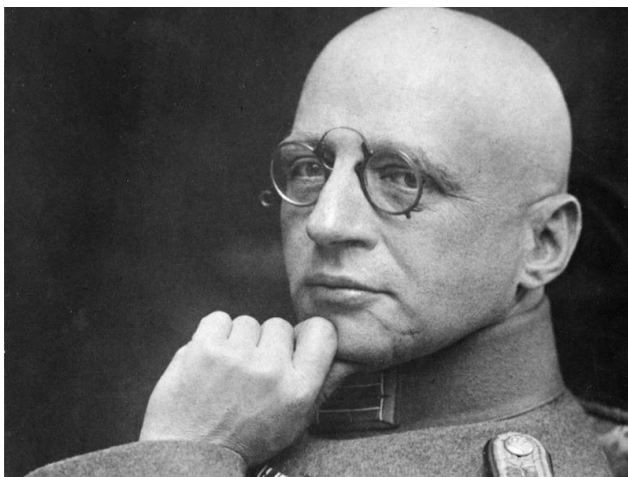
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NH_3



Ammonia



39



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Audience Survey Question

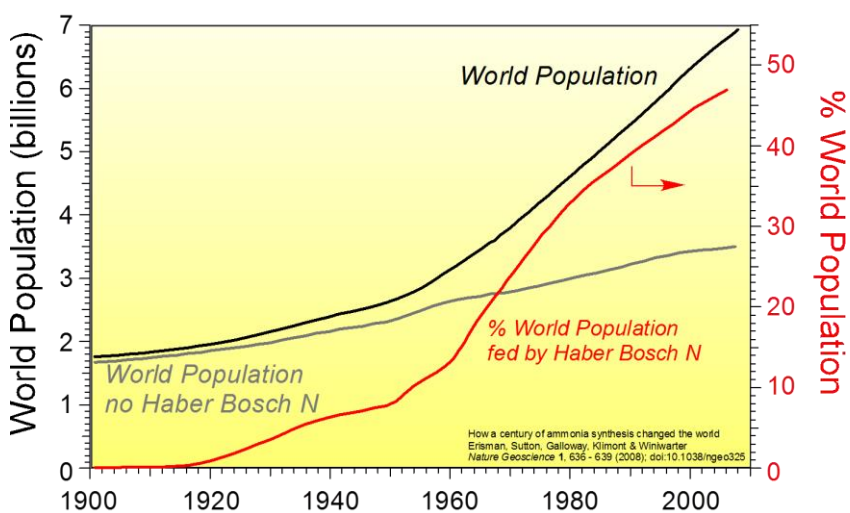
ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



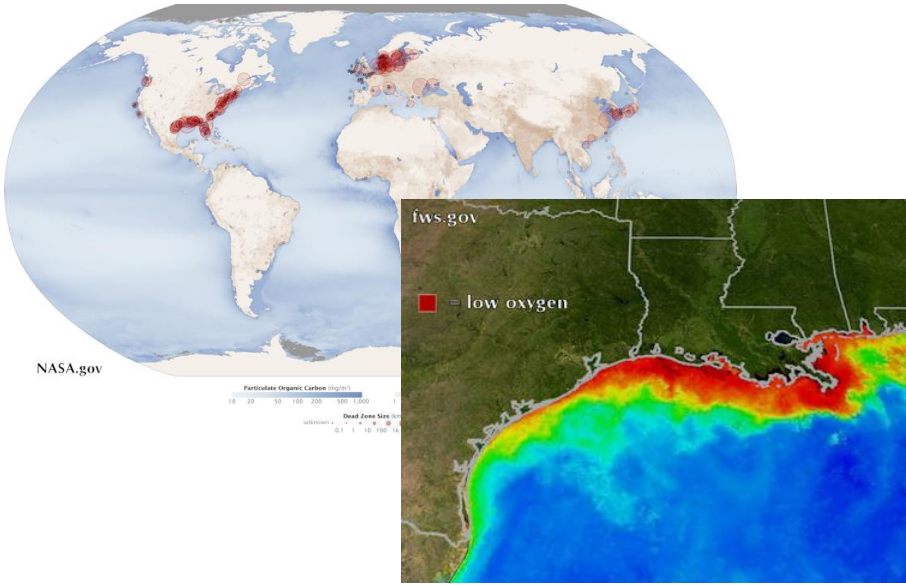
How much of the nitrogen in the protein of the average human is synthetically produced?

- About one tenth
- About half
- About four-fifths
- Virtually all of it

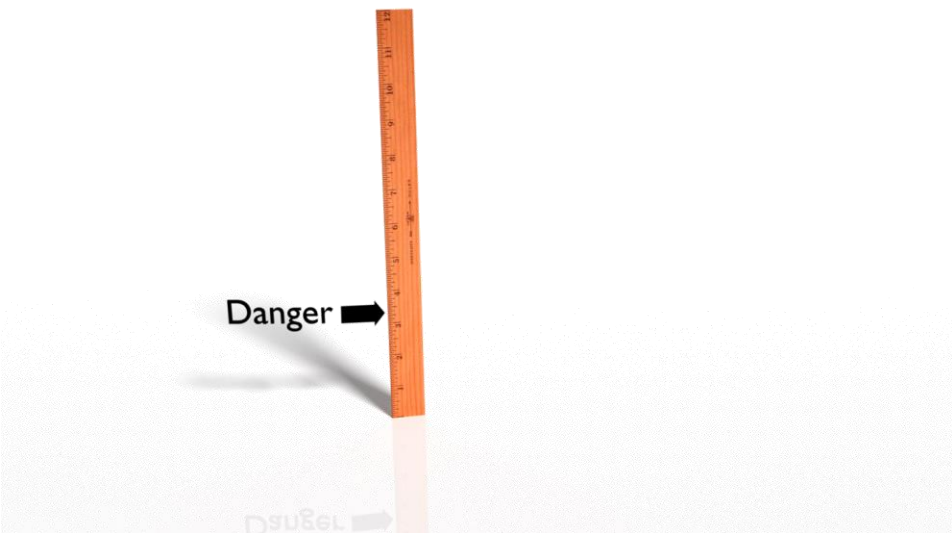
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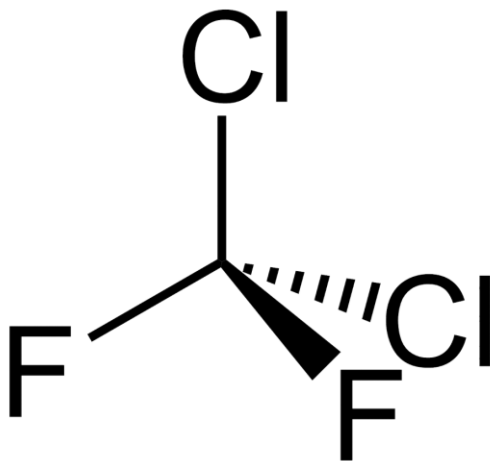
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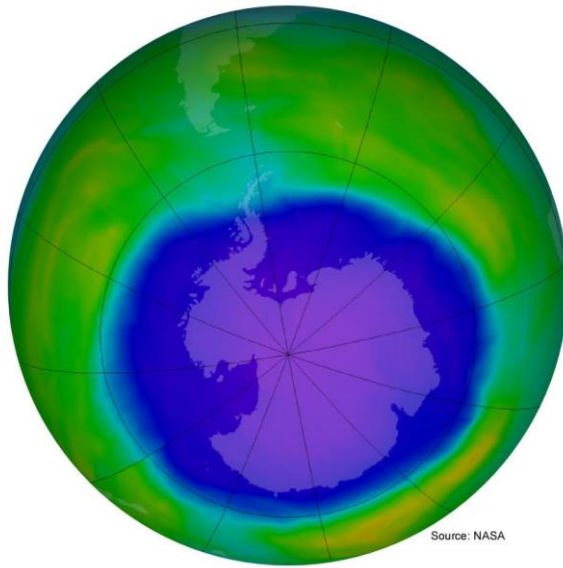
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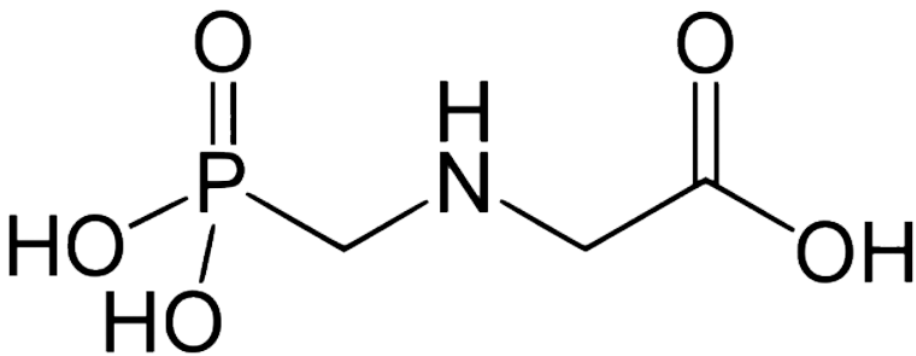
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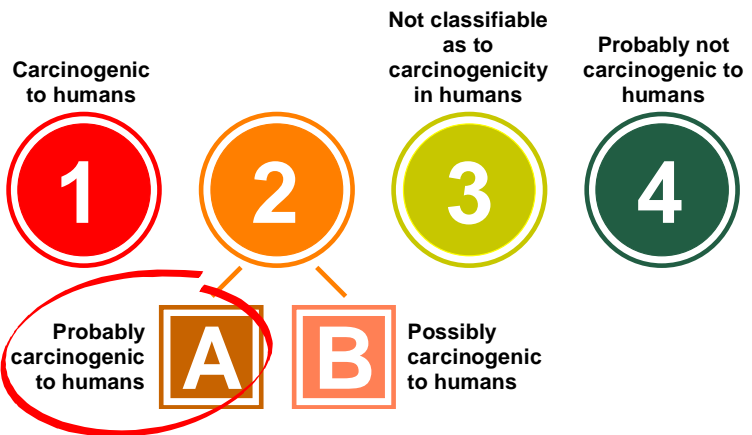
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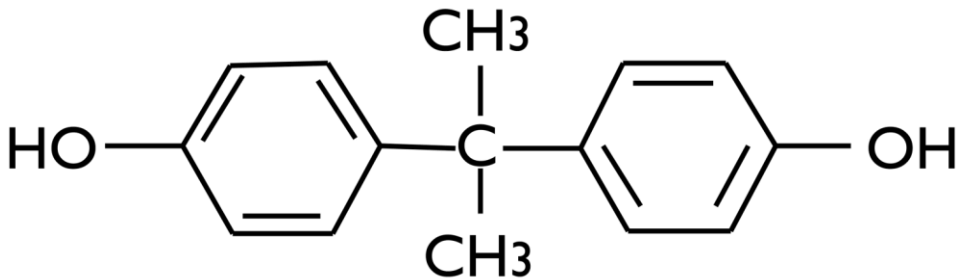
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Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



Which of these is NOT a use of bisphenol-A (BPA)?

- in the production of most epoxy resins
- as a comonomer in polyethylene production
- as a monomer in the manufacture of polycarbonate
- in thermal receipt paper

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CANvera™

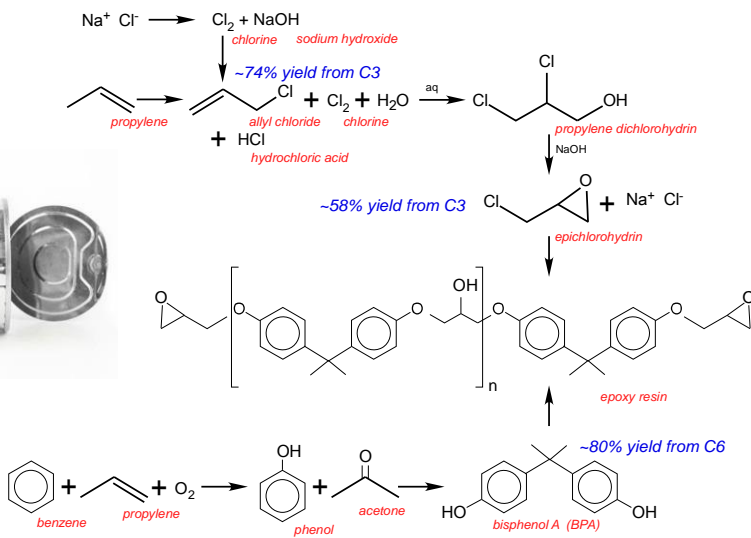
a fresh approach to can coatings by 

CANVERA™ Polyolefin Dispersions offers an excellent food and flavor protection profile, excellent adhesion, corrosion protection and flexibility without impact on flavor. This innovation eliminates material traditionally found in epoxy or alternative coating systems that are of concern for many consumers.



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Incumbent Epoxy Resin



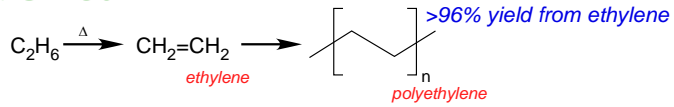
Blackford, Chemical conversion factors and yields, Chemical Industries Division, SRI International, 3rd edition (1984)

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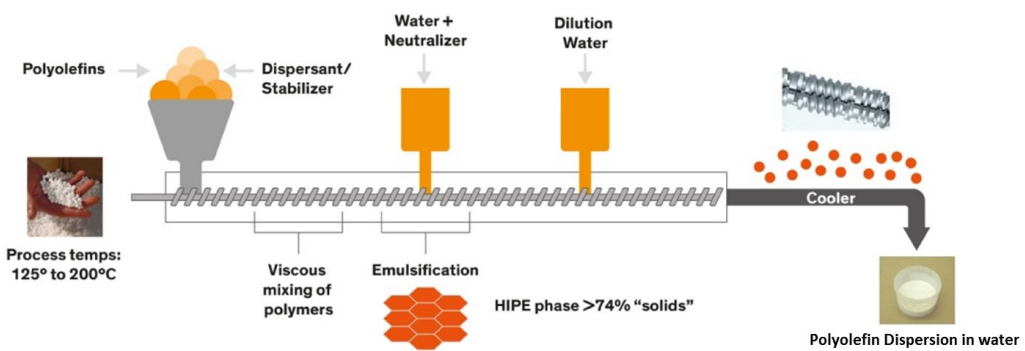


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Leading the Blueprint
Dow leads in developing a societal blueprint that integrates public policy solutions, science and technology, and value chain innovation to facilitate the transition to a sustainable planet and society.



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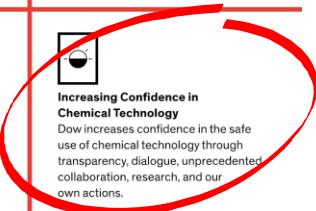
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Dow applies a business decision process that values nature, which will deliver business value and natural capital value through projects that are good for the company and good for ecosystems.



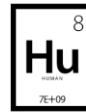
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Dow increases confidence in the safe use of chemical technology through transparency, dialogue, unprecedented collaboration, research, and our own actions.



Engaging Employees for Impact
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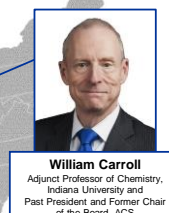
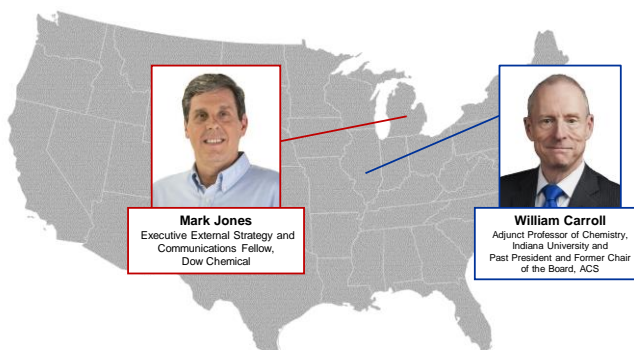
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Experts



Michael P. Trova
Albany Molecular
Research Inc.



Michael McCoy
Chemical &
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Cystic Fibrosis: Discovery of CFTR Modulators

Session 4 of the 2017 Drug Design and Delivery Symposium

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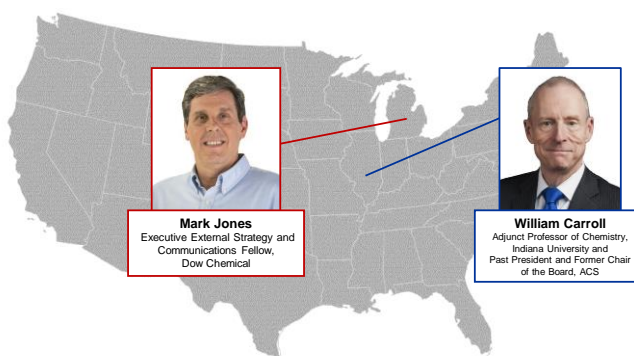
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