The National Renderers Association,
The World Renderers Organization &
The North American Rendering Industry

Tom Cook, President
National Renderers Association
The Rendering Industry (U.S. and Canada)

- 250 facilities in the U.S. and 29 in Canada
- $10 billion annual revenue
- More than 50 billion lb raw material each year
- 137 million lb raw material each day
Essential “Gate Keeper” for People & Planet
Without rendering... critical issues using other methods of disposal:

- **Composting** – Volume would fill 10,000 new Dallas Cowboy stadiums per year
- **Landfill** – Volume would reduce existing US landfill space by 25% per year and increase GHG emissions
- **Incineration** – Cost prohibitive and has air quality issues
- **Burial** – Potential for ground and surface water contamination
- **Abandonment** – Greatest threat to environment and human/animal health
- **Without grease collections** – Municipal sewers would become occluded and cost $millions to clean
Rendering is Cooking and Drying

- Continuous flow or batch
- Steam cookers
- 115º to 145º C. for 40 to 90 minutes (245º to 290º F.)
- Inactivation of bacteria, viruses, protozoa, and parasitic organisms.
• **35 million cattle** (49% of live wt. not used for human food)
• **100 million hogs** (44% not used for human food)
• **8 billion chickens** (37% not used for human food)
• **250 million turkeys** (36% not used for human food)
Rendering Services The Food Industry

2.7 billion pounds of meat and seafood lost in retail (spoiled, dated)
1.9 billion pounds recycled by renderers

4.7 billion pounds of used restaurant grease
2.4 billion pounds recycled by renderers
The modern rendering industry invests heavily in odor control and air pollution equipment.
The modern rendering industry invests heavily in modern equipment to control water pollution.
Animal Fat Is Also Used For Biodiesel
Raw Materials

- Offal
- Bones and fat
- Blood
- Animals dead on arrival, in transit or on farms
- Restaurant grease
- Feathers
- Recalled meat
- Out dated meat
- Butcher shop scraps
Examples of a Few Finished Products

- Hydrolyzed Poultry Feather Meal
- Stabilized Poultry Fat
- Stabilized Pet Food Poultry Fat
- Stabilized Poultry Protein Meal
- Low Ash Pet Food Poultry Protein Meal
- Pet Food Poultry Protein Meal
National Renderers Association

Trade association representing members from Canada and the US at national and international levels

Associate and International members

40 member companies

Three regional associations

250+ facilities
APPI: The Bio Security Arm of the Rendering Industry

The Animal Protein Producers Industry (APPI) is the bio security arm of the National Renderers Association, dedicated to the administration and maintenance of innovative programs to improve the quality of animal proteins and feed fats through a testing regimen, continuing education and training, and collaborative research.
The Fats and Proteins Research Foundation was organized in 1962 to serve the rendering and its associated industries. FPRF's purpose is to provide an institution which will direct and manage a research process that results in an enhanced current usage and the development of new uses for rendered animal products. Thus providing added value to all animal production.
NATIONAL RENDERERS ASSOCIATION

ANNUAL MEETINGS

NRA holds an annual **spring meeting** in April and an **convention** in October.

**NRA’s Annual Convention** offers an outstanding roster of presentations, From NRA, APPI, FPRF, and WRO meetings, to business sessions featuring experts from business, academia and government, attendees learned about the issues, trends and opportunities shaping and expanding the industry.
RENDER Magazine

RENDER is published bi-monthly in association with the National Renderers Association as a public service to the North American and global rendering industry. RENDER strives to promote the exchange of ideas and information on management, operations, research and development, environmental control, quality assurance and marketing between all facets of the rendering and associated industries.
Government and Regulatory Affairs

NRA’s government and regulatory affairs activities promote and safeguard the interests of the rendering industry. NRA staff and member volunteers maintain excellent ongoing relations with numerous federal and state governmental agencies. We emphasize a spirit of cooperation and scientific support for the agencies so that they will better understand the rendering industry and its products. For governmental research and policy consideration, NRA may suggest new protocols in food safety, for example, and illustrate these with members’ voluntary efforts in such areas as Hazard Analysis Critical Control Point (HACCP), process control, and verification testing.
NRA represents our industry and members to government officials.

ADMINISTRATION

USDA
FDA
EPA

Members of Congress
NRA represents our industry and members to

Media
Allied Industries
Public
NRA’s International Program

NRA’s International program develops markets for rendered products all over the world. The Association conducts technical seminars and feed trials, participates in trade shows, brings study groups to the United States, provides subject matter experts and delivers other general trade services to U.S. suppliers and foreign buyers. Our association also improves market access by working to eliminate artificial trade barriers, and we monitor new and existing export opportunities and emerging trade patterns.

OFFICE LOCATIONS

Mexico City
Hong Kong
Purpose

The World Renderers Organization (WRO) is established to address issues of mutual interest that are more important to the good of the animal by-products processors, (renderers) than to individual countries, associations or companies.

The WRO shall serve as a vehicle for education and information exchange between renderers and associated interests from different countries and associations.

The WRO will also serve as a vehicle for exchanging points of view on rendering issues and where appropriate, to express positions to governments and world organizations.

Original Members:  North America, Australia, European
WRO Members

Over 21 members including the EU
The World Renderers' Organisation was founded in 1999 to represent international renderers.

Rendering, known to be the world's first recycling business, has been prominent in several civilisations for centuries. Processors from the USA, Canada, UK, Europe, Australia, and New Zealand established the WRO which now represents more than 20 countries.

We continue to welcome new members to our organisation.

Following the BSE crisis it became essential that renderers engage international regulators with one voice.

WRO has become that voice in dialogue with OIE, WHO, FAO and Codex Alimentarius.

We encourage a science based regulatory framework that will permit the maximum utilisation of rendered animal products in a safe and sustainable manner.

Education, research and advocacy are important features of WRO.
Additional information is in a book available from the National Renderers Association

Free download: www.nationalrenderers.org
Under “Publications” tab
Welcome to the National Renderers Association.

Thank you for visiting the official website of the National Renderers Association (NRA). For 75 years, we've been helping our industry grow and advance. We invite you to learn more about the vital role that rendering plays in our environment and in our economy. Please browse through the top links and the pull down menus underneath each link, and be sure to check the links in the right sidebar of this homepage for the latest news.