How Gene Editing Supports People, Pigs & Planet

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U.S. Pork’s Foundational We Care Principles

• Produce Safe Food
• Protect and Promote Animal Well-Being
• Protect Public Health
• Safeguard our Natural Resources
• Provide a Safe Work Environment
• Contribute to Quality of Life in our Communities
Gene Editing: An Unprecedented Opportunity

- Reduce (and potentially eliminate) disease
- Reduce Antibiotic use on farm
- Improve animal welfare
- Farming’s environmental impact
- Grow more crops, raise more pigs with fewer natural resources
- Improve meat quality
Our Responsibility: Farm-to-Fork Transparency

• Open, honest dialogue and transparency is essential

• Span the food production process
  – From farm to processor
  – From processor to retailer
  – From retailer to consumer
Next Steps: Define The Regulatory Environment

Effective regulation should:
• Build consumer *acceptance* and inspire *confidence* in food system
• Incorporate a *risk-based* framework
• Recognize editing *native* DNA in crops and animals differs from modification with *foreign* DNA
Summary: We Live In An Exciting Time

• Gene editing has tremendous potential for advancements in human medicine, crop science and animal science.
• We must have a meaningful dialogue with all who have an interest.
• And we need an effective and risk-based regulatory structure that inspires confidence.