

Calls for improved efficiency are not new...

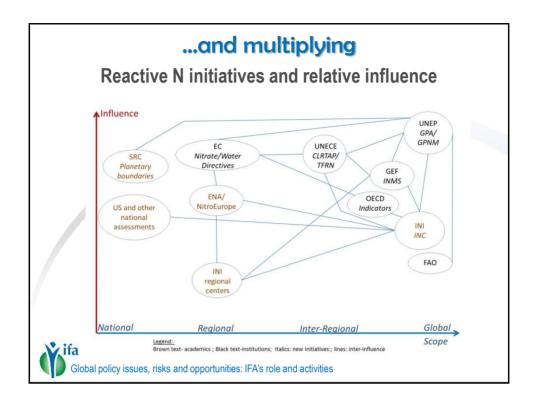


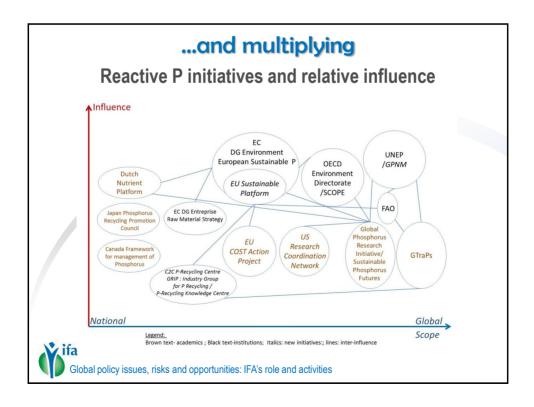
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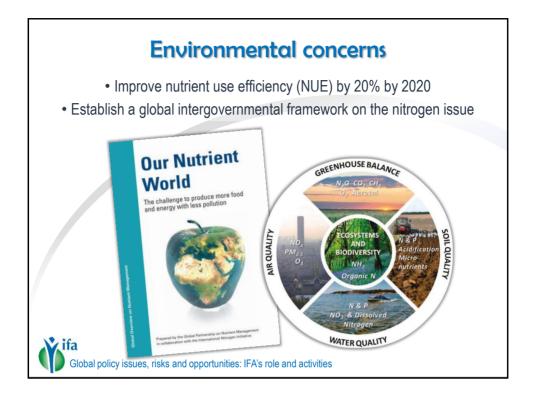
"We need to develop new products that will deliver just the nutrients that the growing plants require and diminish environmental externalities,...to invest in advanced fertilizer research,...and coordinate with advanced plant genetic research so that we can achieve synergy between more efficient use of available nutrients by plants and more efficient delivery of nutrients."

Dr. Norman Borlaug, 2008

Global policy issues, risks and opportunities: IFA's role and activities









Nutrient stewardship

- Focuses on nutrient end use (contrary to product stewardship)
- Refers to nutrient management practices that improve social, economic and environmental sustainability through implementation of scientific management principles
- Recognizes economic, social and environmental goals vary regionally and from farm to farm
- Development and adoption of site- and crop-specific best management practices are critical to achieving the performance improvements logically embedded in any nutrient stewardship system

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- The principles of the right use of nutrient source, rate, time and place form the minimum basis of any local nutrient stewardship system
- Must extend also to last-mile delivery, which includes access to knowledge, to fertilizers and related services

IFA will promote end use nutrient stewardship efforts recognizing the minimum principles of applying the right use of nutrient source, rate, time and place and of last-mile delivery.

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