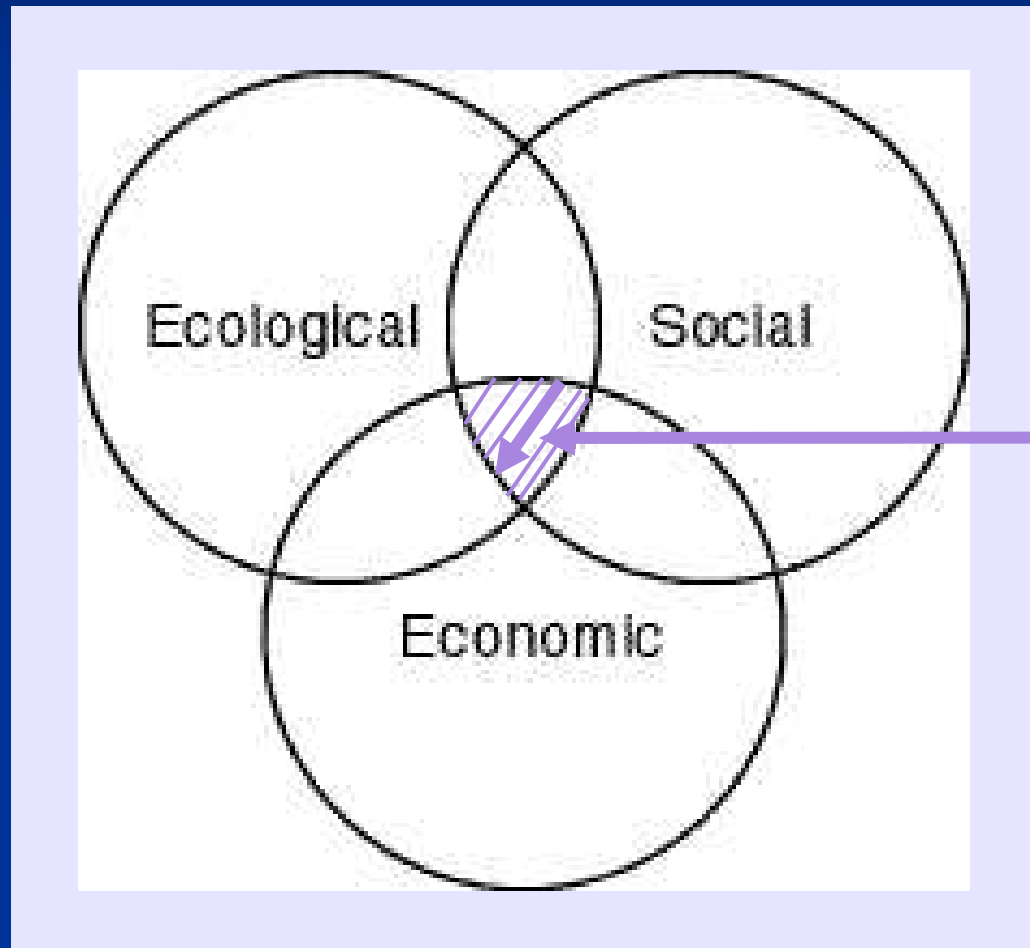


Sustainability & the Aggregates Industry

- 1. Developing issue**
- 2. Industry is dependent on public, political and regulatory approval**
- 3. Focus is on a balanced integrated approach**

Defining Sustainability



Sustainability

Defining Sustainability

Brundtland commission, 1987: *Humanity has the ability to make development sustainable – to ensure that it meets the needs of the present without compromising the ability of future generations to meet their own needs.*"



NSSGA Sustainability Task Force, 2006: *Sustainability is a business approach that integrates environmental stewardship, social responsibility and economic prosperity to ensure the long-term supply of aggregate materials to society.*

Construction Materials and Sustainability

- The terms *Sustainable Development* or *Sustainability* can be misinterpreted when describing aggregate operations
- The term “Sustainability”:
 - **IS NOT** addressing the sustainability of mining, a specific mine, or a resource, i.e. not “sustainable mining”
 - **IS** addressing the contributions that a specific mine, company, industry and industry products make towards a sustainable society
- The largest contribution of construction materials producers to sustainability is providing the continuous supply of aggregate materials necessary for ongoing economic prosperity in the United States.

Business Case for Sustainability

1. Sustainability is an emerging issue in the markets where NSSGA members operate. Public resource agencies are implementing frameworks based on sustainable development. NSSGA member companies will increase their abilities to compete effectively by implementing sustainability guidelines
2. **The long-term viability of the industry is dependent on obtaining and maintaining social and operational licenses. These licenses are based on discretionary decisions by local government bodies that are heavily influenced by political/public opinion. NSSGA member companies will enhance their ability to obtain these licenses when applying sustainability guidelines**
3. Sustainability emphasizes the efficient use of resources, which reduces costs (by reducing waste) and contributes to profitability
4. Implementation of sustainability principles can reduce the risk of adverse legal and regulatory actions
5. Sustainability is an integrated concept. Implementing sustainability guidelines will help to coordinate and improve the effectiveness of multi-disciplinary groups such as community relations, ESH, operations and legal in NSSGA member companies

Guiding Principles for Sustainable Aggregates Operations

- Follows a mining “life cycle approach”, provides general, voluntary guidelines
 - Overarching Practices
 - Planning Phase
 - Operational and Closure Phase

Overarching Principles

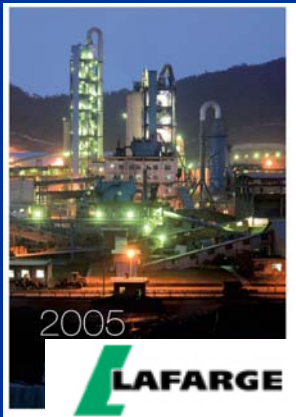
- Encourage proper land use development and planning within communities to ensure long-term aggregate resource availability
- Prevent or minimize environmental impacts
- Profitability is essential to a sustainable industry and its continued ability to contribute to communities

SUSTAINABILITY

Who? Aggregate Industry



Sustainable development is our goal



- :: Values /
- :: Health and Safety
- :: Community Relations
- :: Best Practice
- :: Environmental Stewardship

