Tufco's Sustainability Initiative
Purpose Statement

• To launch a “sustainability” initiative at Tufco Technologies

• In a way that:
  • Broadens focus of decision making processes from the single bottom line (profit) to the “triple bottom line” (people, planet and profit)
  • Engages all employees and to the extent possible, as a Outsourcing Manufacturing Partner, the entire supply chain of our material/service providers, our customers and our customer’s customers.
  • Builds upon existing continuous improvement structure and systems
  • Tufco’s key stakeholders (Shareholders, Customers and Employees) continue to see growth in profitability
  • Continually reduces our impact on the environment
  • Establishes a positive working relationship with our community
Purpose Statement

• **So that:** Tufco strengthens its position as a viable long-term player in the markets we choose to service, making us more attractive to current and prospective customers, current and prospective employees, our community and our shareholders.
Process

• Build the base for the program through the Business Leadership Team (August 2008)
• Roll the program out to the site informally through November Plant Review which includes -
  • What is sustainability?
  • Why is it important?
  • How will the process work?
  • What we are looking for in volunteers?
  • Expectations for everyone?
• Seek volunteers to fill critical positions on the Sustainability Implementation Team (January 2009)
• Build initiative charter SIT and BLT (February 2009)
• SIT to manage project priorities and make resource requests when Green Belt, Black Belt, technical or other support is necessary
A Business Leadership Team that fully understands both the elements of this Sustainability Initiative and has the commitment necessary for institutionalization of sustainability in all of our associates, products and process work systems

A work force that has been baseline loaded with information on Tufco’s Sustainability Initiative

A strong implementation team made up nearly completely of volunteers who understand and believe in what this initiative can and needs to accomplish

A preliminary organizational structure that supports a strong launch and sets up our Sustainability Initiative for enduring success
What is Sustainability

“Meeting the needs of the present without compromising the needs of the future”
Sustainability Challenges

- **Limited resources** -
  - Energy sources (petroleum, natural gas, coal…) – high gas prices,
  - Water – Great Lakes Compact, inadequate groundwater supply
  - Land – landfills filling up
- **Global warming** – “greenhouse gases”
  - CO₂ emissions
  - Carbon footprint
- **Air pollution**
  - Ozone
  - Particulates
  - SOₓ and NOₓ
Sustainability Challenges

- Water pollution
  - E coli – shuts down beaches…
  - Pharmaceuticals – showing up in water treatment facilities
  - PCB’s in Fox River
- Toxic materials exposure
  - Lead paint
Why Should Tufco Be Interested

- **Our Individual and Corporate Self Interest**
  - It's our landfills that are filling, it is the air we breathe, the water we drink
  - It is our pockets the higher energy and waste costs are biting into
  - It is our children we will hand the world over to

- **Our Customers**
  - Expect a long term commitment to the environment
  - Expect the most efficient use of resources and reduce cost

- **Our Community**
  - Expects us to be a good neighbor
What Can We Do?

• Reduce
  • Avoid using items that end up in landfills
  • Find alternatives to toxic materials
  • Constantly drive for more efficient use of energy and materials

• Repair and/or Reuse
  • Before disposing of an item determine if it can be reused by you or someone else

• Recycle
Sustainability Implementation Team

- Chair –
  Purchasing –
  EH&S –
  Operations Leadership (2) –
  Sales –
  Quality –
  Maintenance –
  Accounting/Finance –
  Production (3), Labs (1), Quality Technicians (1)
Early Committee Topics

- Develop a purpose statement for the committee
- Recruit and/or choose committee members
- Determine a plan of attack
  - What education does SIT need?
  - What projects are out there?
  - How do we prioritize them?
  - What resources are needed by the project teams and/or the committee?
  - How will we monitor success of the program? …