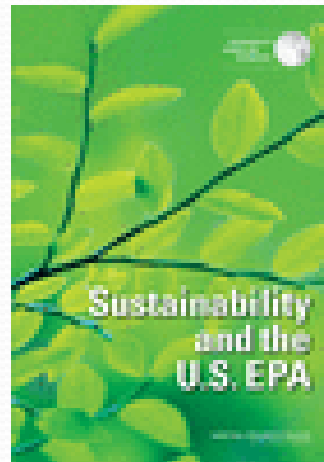


US EPA ARCHIVE DOCUMENT

# Summary of NRC Report: Sustainability and the EPA



# Rising to the Challenges of Today

“As we celebrate 40 years of incredible accomplishments, we find ourselves at a critical juncture. We have a new awareness of environmental complexity and, at the same time, we have new tools, insights, and experiences to guide our mission. It is time to rise to the challenges of today, using the best of what we have, to meet the needs of the current generation while preserving the ability of future generations to meet theirs as well.”



EPA Administrator Lisa Jackson  
November 30, 2010 speech to the  
National Academy of Sciences

# Charge to the NRC:

- What should be the operational framework for sustainability for EPA?
- What scientific and analytical tools are needed to support the framework?
- How can the EPA decision making process rooted in the risk assessment/risk management (RA/RM) paradigm be integrated into this new sustainability framework?
- What expertise is needed to support the framework?

# The Green Book



# Approach to Task

Sustainability is a process.....

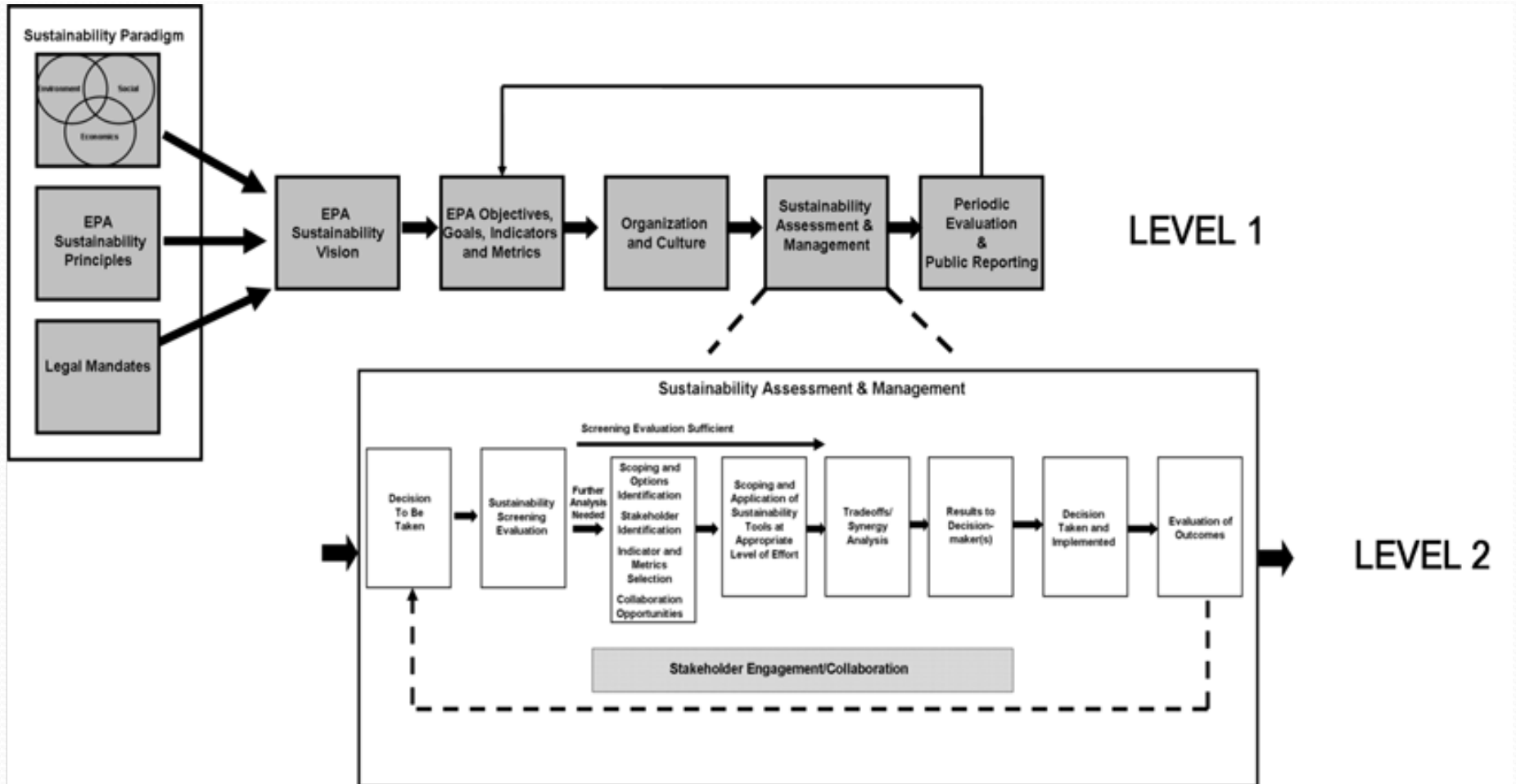


and a goal.



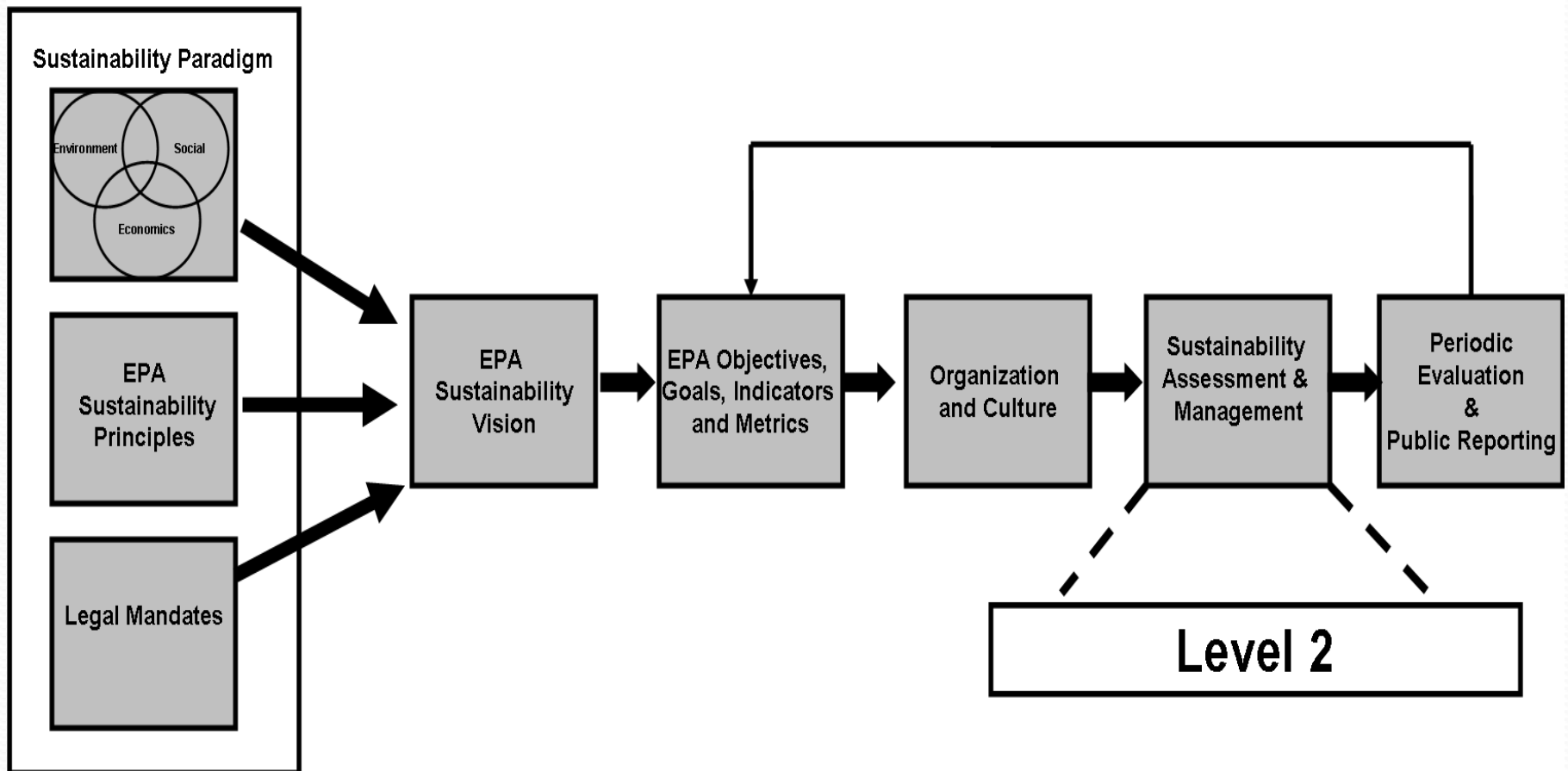
# Sustainability Framework

## Sustainability Framework and the Sustainability Assessment and Management (SAM) approach



# Sustainability Framework Level 1

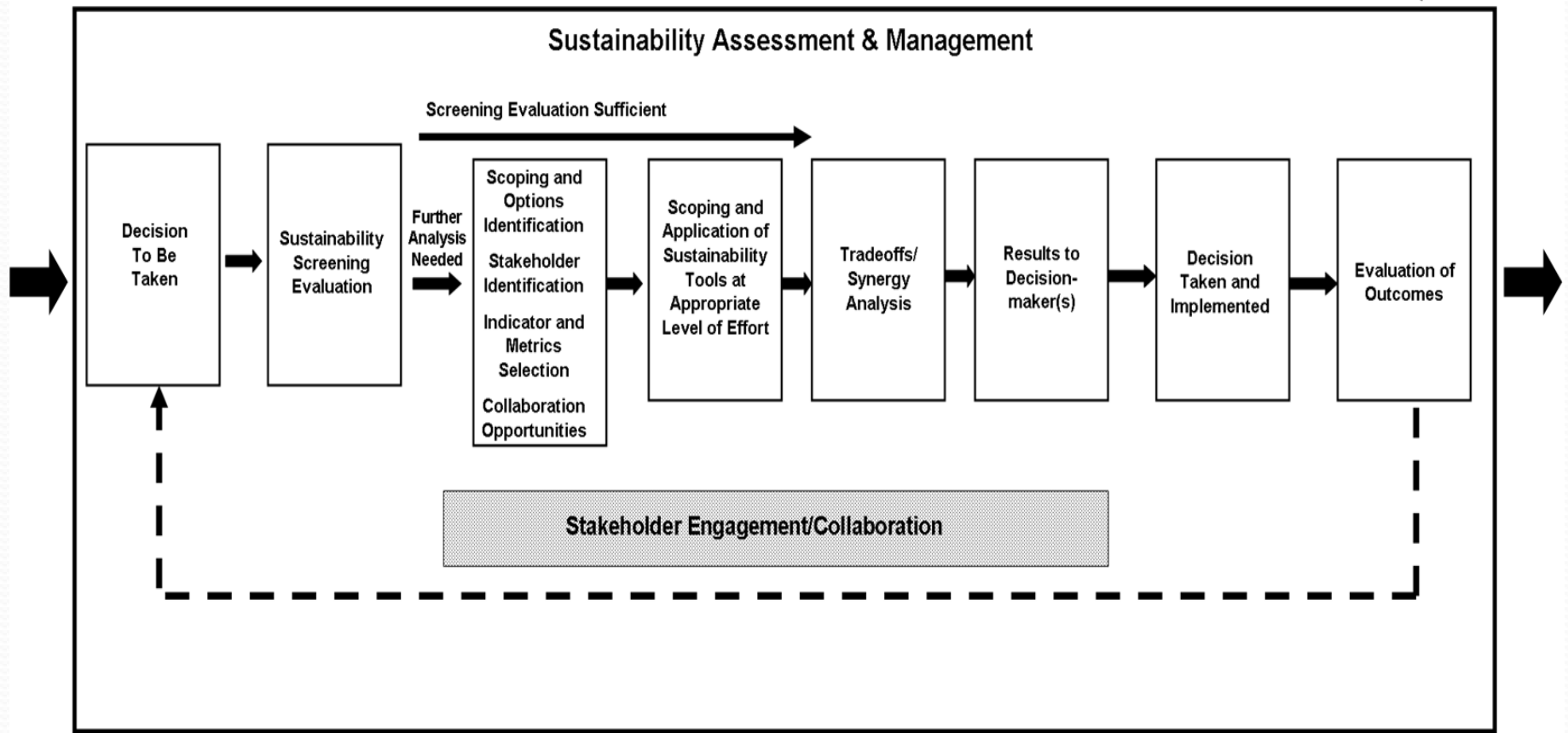
Sustainability Framework Level 1: Components that define the agency-wide process





# Sustainability Framework Level 2

The Sustainability Assessment and Management process is intended to be equally applicable to human health, ecological risks and other challenges



What scientific and analytical tools are needed to support the framework?



# Changing the Culture of the Agency

- Foster change and innovation at all levels of EPA
- Learn from others and from what you are doing
- Broaden disciplinary approaches toward understanding underlying processes
- Consider longer term time horizons

# Next Steps

- Identify stakeholders and solicit input on NRC recommendations
- Promote regional dialogue with states
- STPC develop scientific tools and methods, and EMC work on issues related to implementation