



Energy
Biosciences
Institute

Outreach and Communication January 20, 2010

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The Energy Bioscience Institute



- Partnership between UCB, UIUC, LBNL, and BP
- BP has committed \$350M over 10 years
- Goals include:
 - total system solutions to the production of biofuels that are cost effective and sustainable
 - development of improved biotechnologies for energy applications
 - educate next generation of energy scientists
 - educate the general public, key stakeholders and policy makers



The Energy Biosciences Institute



- Mandate to explore the application of modern biological knowledge to the energy sector
 - Cellulosic fuels
- Address global issues
 - Climate change
 - Energy supply
 - Energy security
 - Economic recovery

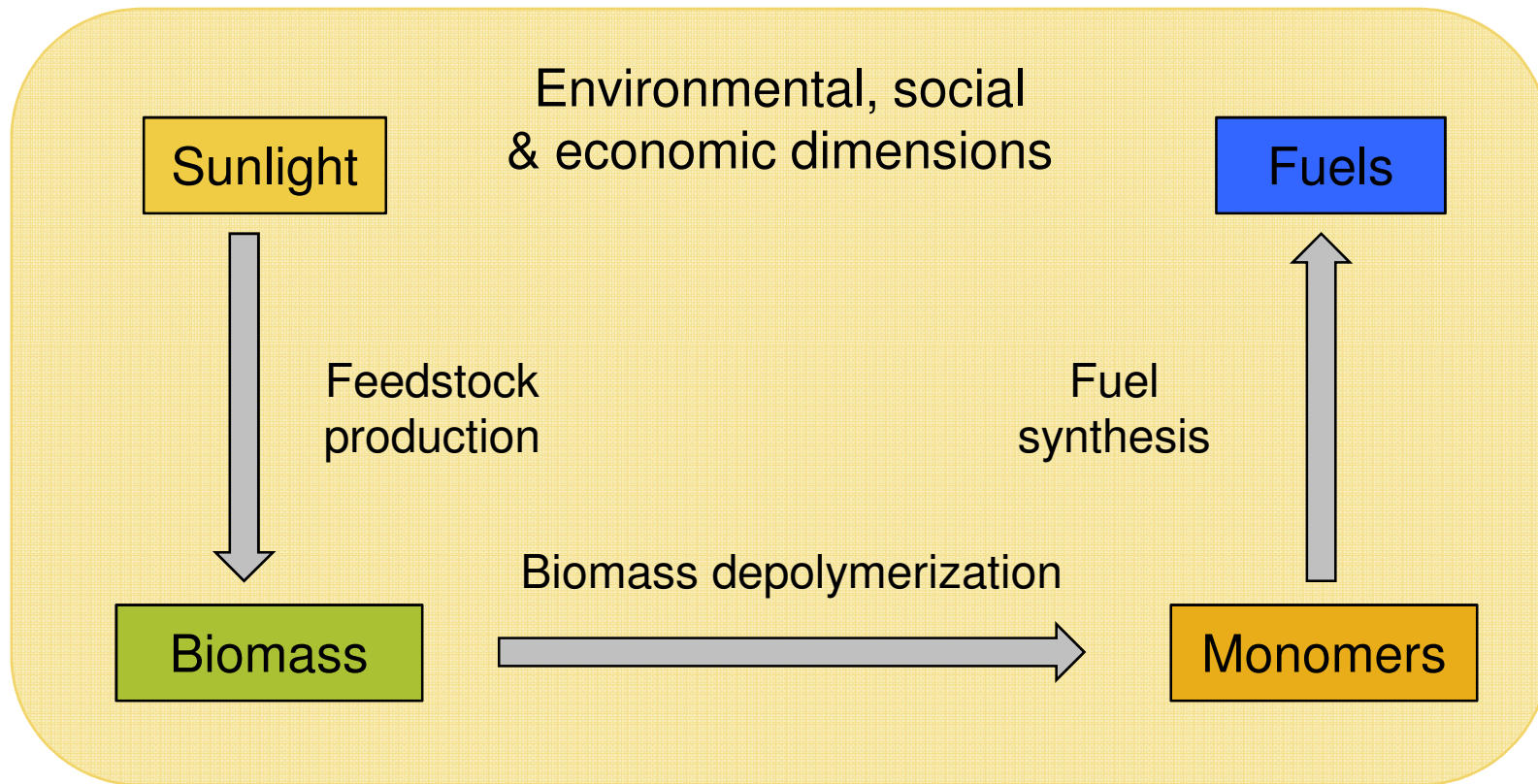
Research approach



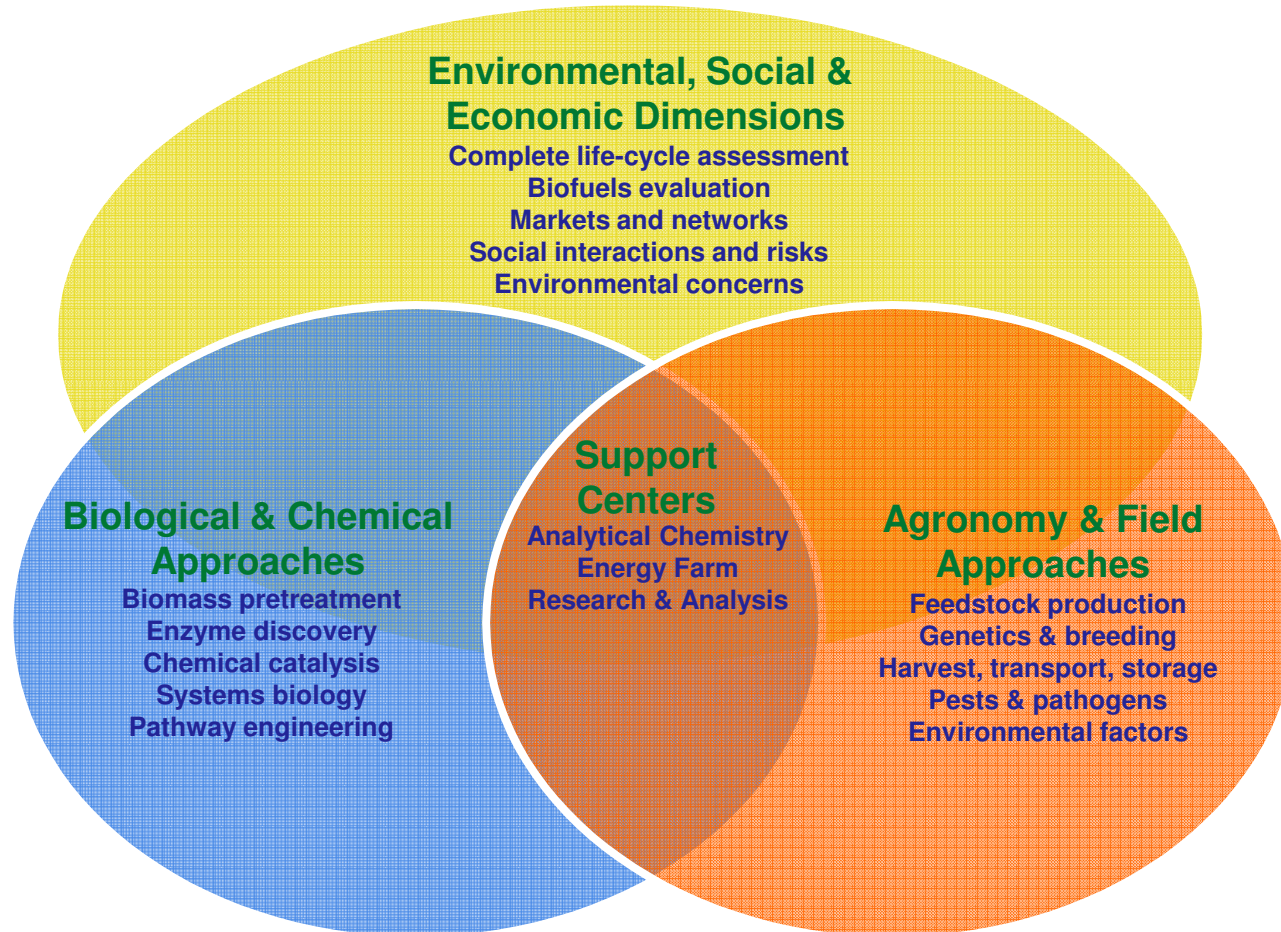
Unique in size, scope, integration and mission

- The research is **broad in scope** across the entire value chain, using a total systems approach
- The research is **interdisciplinary and multidisciplinary**
- The research is **mission-oriented** with defined plans, targets, and flexibility in approach

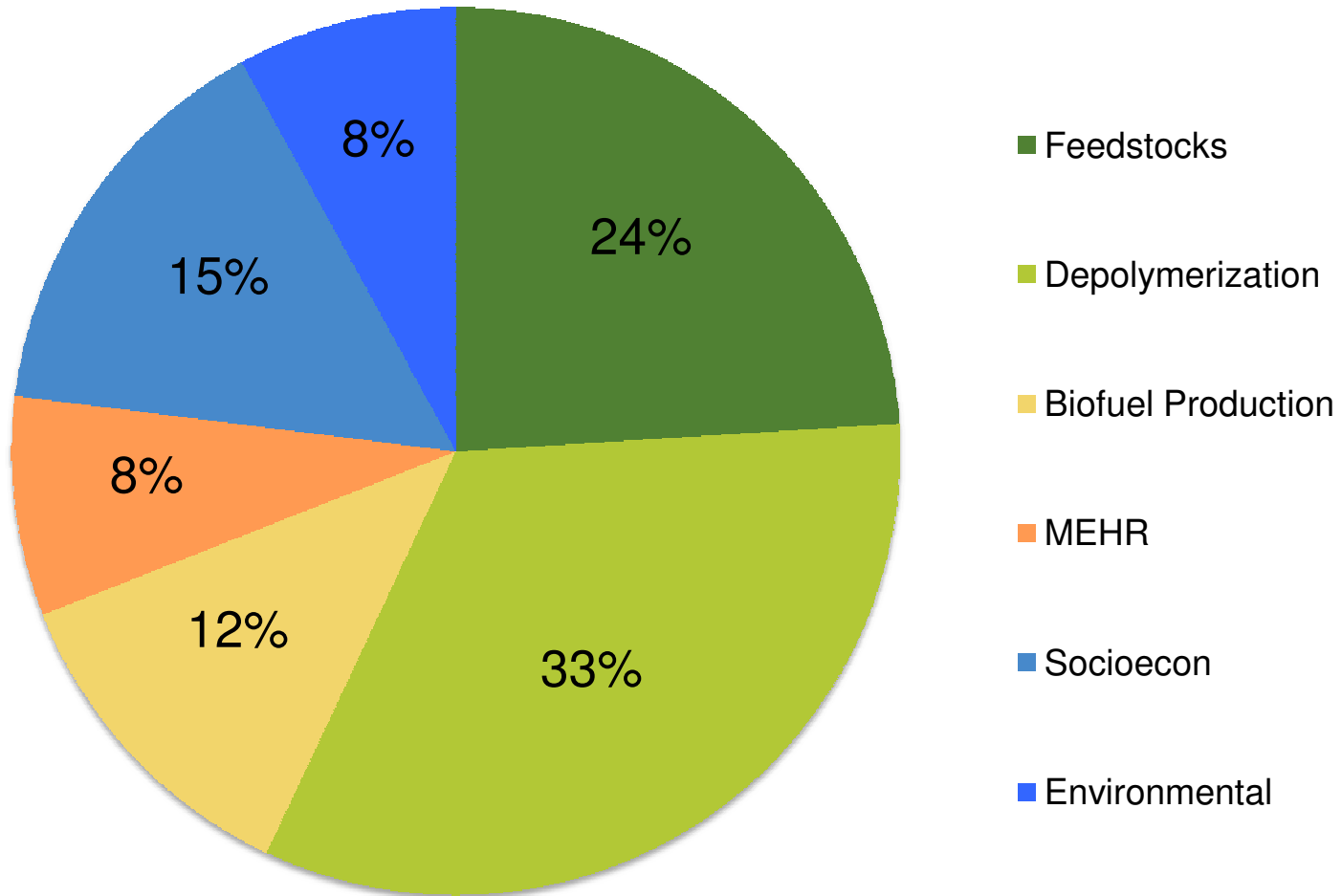
The path to biofuels



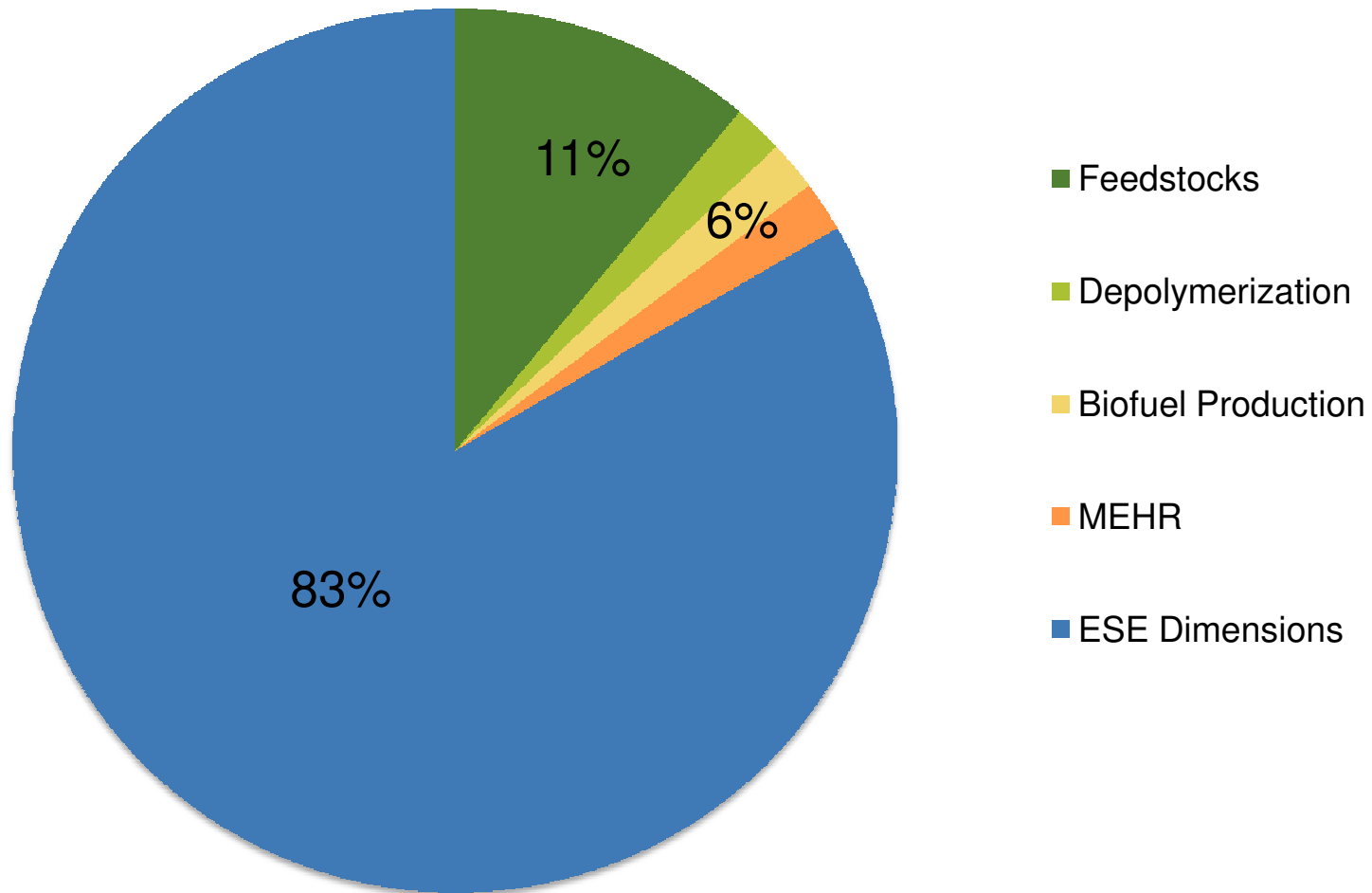
EBI research focus



Spending rule - research (\$)



Spending - outreach & communication



Activities



- Workshops and conferences
- Memberships (panels, councils, roundtables)
- Presentations (non-research)
- Publications (reports, white papers, bulletins, annual report)
- Online (web and wiki)

Activities



- US
 - Biomass Feedstock Symposium
 - Biofuels Law and Regulation Conference
 - SIM conference media event
- Global
 - IIT-Kharagpur Biofuels Institute
 - Biorenewables Research Society (GBRS)

Outreach activities

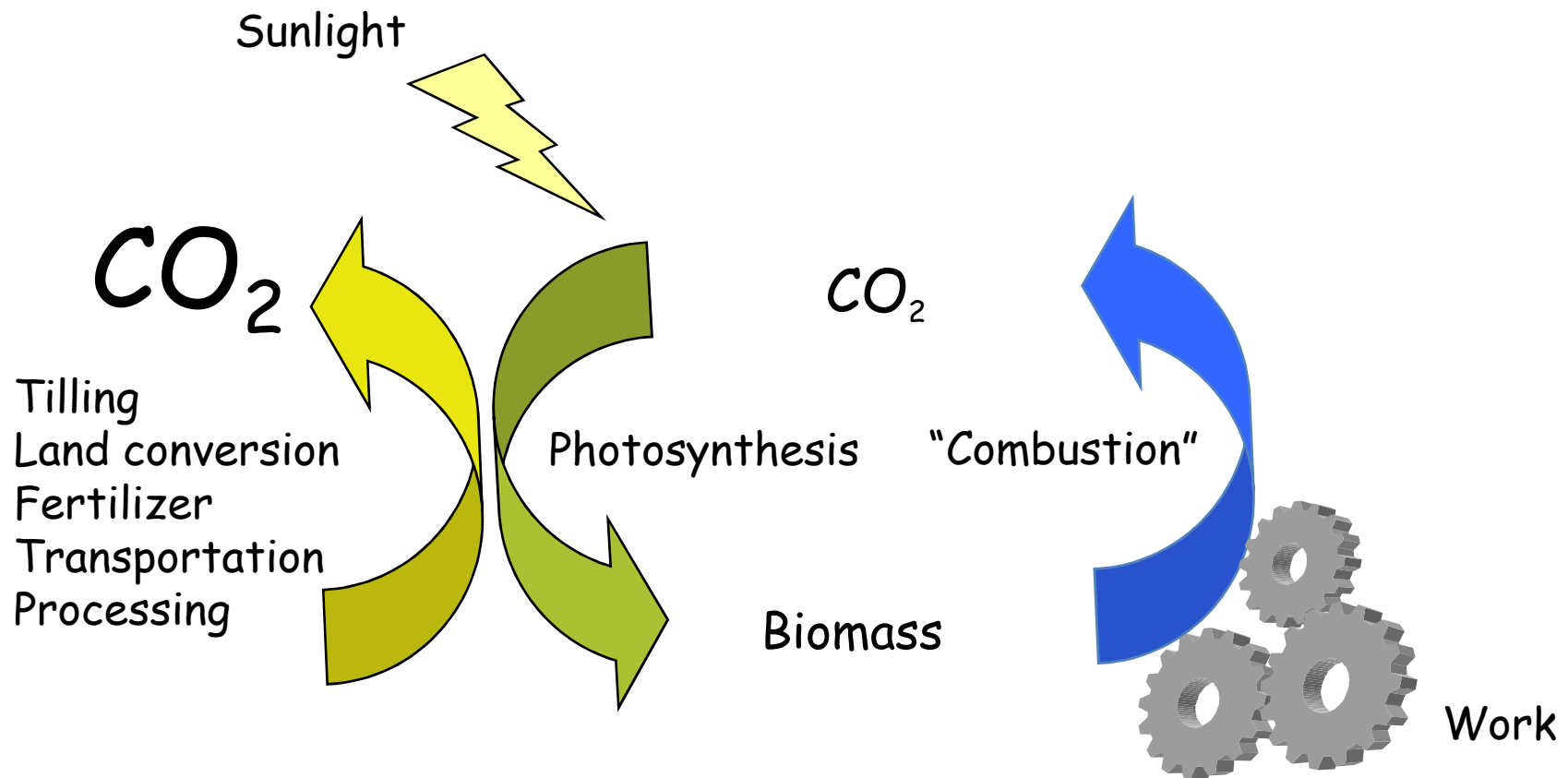


- GlobalBiorenewables Research Society (GBRS)
 - provide scientific assessments, using scientific knowledge, on environmental, social and economic challenges that increasing demand for biomass will bring

energybiosciencesinstitute.org

Questions/comments/discussion

Biomass *can* provide carbon neutral energy



Depending on how the biomass is produced and processed