

Summary Table: U.S. Department of Energy's Research and Development Activities as They Relate to The Biomass Initiative's *Roadmap*

Roadmap Objective	DOE		
	2003	2004	2005
II. Feedstock Production	\$6,176	\$7,230	\$4,148
II.A. Biotechnology and Plant Physiology	\$648	\$1,194	\$1,132
Objective One - Plant biochemistry and Enzymes	\$481	\$1,194	\$1,132
Objective Two - Chemical/biological Pathways	\$167	\$0	\$0
II.B. Agronomic Practices	\$3,130	\$3,534	\$846
Objective Three - Agronomic Practices for Sustainability	\$3,130	\$3,534	\$846
II.C. Feedstock Handling	\$2,398	\$2,502	\$2,170
Objective Four - Collecting and Storing Feedstocks	\$2,398	\$2,502	\$2,170
III. Processing and Conversion	\$60,926	\$64,198	\$53,955
III.A. Thermo-chemical Conversion Pathways	\$15,466	\$26,804	\$21,076
Objective One - Thermochemical Conversion	\$15,466	\$26,804	\$21,076
III.B. Bio-conversion	\$15,567	\$22,284	\$16,852
Objective Two - Bioconversion Processes/Technologies	\$15,567	\$22,284	\$16,852
III.C. Biorefinery Integration	\$29,893	\$15,110	\$16,027
Objective Three - Biorefineries	\$29,893	\$15,110	\$16,027
IV. Product Uses and Distribution	\$5,557	\$9,476	\$6,823
IV.A. End-Products and Distribution Systems	\$5,557	\$9,476	\$6,823
Objective One - New Markets and Distribution	\$4,966	\$3,606	\$4,518
Objective Two - High Value Products	\$591	\$2,381	\$1,762
Objective Three - Distribution Systems and Rural Development	\$0	\$3,489	\$543
V. Public Policy Measures to Support Biomass Development	\$5,768	\$6,139	\$16,777
Objective One - Commercialization of Biobased Technologies	\$1,935	\$2,946	\$5,952
Objective Two - Institution and Policy Changes	\$0	\$0	\$0
Objective Three - Environmentally Sound/Sustainable Biomass	\$3,833	\$3,193	\$5,946
Objective Four - Rural Economic Development	\$0	\$0	\$4,879
TOTAL FUNDING	\$78,427	\$87,043	\$81,703

FY2003 and FY2004 do not include all Earmarked projects. DOE Funding Sources: OBP FY05 AOP, FY05 Spend Plan, GFO Earmarked Projects, Biomass R&D Portfolio 2004. Earmarked projects are not competitively awarded by DOE and do not necessarily reflect the Biomass Program's technical and strategic goals.