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KS AFW TWG Policy Option Balloting Results

- 10 out of 14 members of the AFW TWG participated in the balloting process.
- “Total Individual Selections” indicates the raw number of selections for each option.
- High priorities selected as those where the primary catalog item selected by at least 5 members.
- Within the high priorities options, additional catalog items were consolidated based on TWG ballot input and other related catalog items that received at least 2 selections from TWG ballots.

AFW Policy Option #	Suggested Policy Option Name	AFW Catalog Option No.	AFW Catalog GHG Reduction Policy Option	Total Individual Selections	TWG Member Comments
<i>High Priority Option</i>					
AFW-1	Expanded Utilization of Biomass Feedstocks for Electricity, Heat, or Steam Production	1.1	Expanded Utilization of Agriculture Biomass Feedstocks for Electricity, Heat, or Steam Production	7	CCS Note: One TWG member suggested combining 1.7 with 1.2, while two TWG members suggested combining 1.7 with 1.1.
		1.7	Improved Commercialization of Biomass Conversion Technologies	6	
		1.8	Bioenergy Research	3	
		9.1	Expanded Utilization of MSW Waste Biomass Feedstocks for Electricity, Heat, or Steam Production	4	
		6.1	Expanded Utilization of Rangeland & Forest Biomass Feedstocks for Electricity, Heat, or Steam Production	3	

AFW Policy Option #	Suggested Policy Option Name	AFW Catalog Option No.	AFW Catalog GHG Reduction Policy Option	Total Individual Selections	TWG Member Comments
AFW-2	In-State Liquid Biofuels Production	1.2	In-State Liquid Biofuels Production (Agriculture Feedstocks)	6	
		6.2	In-State Liquid Biofuels Production (Forestry Feedstocks)	5	
		9.2	In-State Liquid Biofuels Production (Waste Feedstocks)	2	
		1.4	Integrated Bioenergy Production	3	
AFW-3	Agricultural Soil Carbon & Nutrient Management	3.1	Soil Carbon Management	6	<p><i>TWG note for 5.2:</i> Carbon and nutrient management are best management practice.</p> <p><i>TWG note for:</i> The biggest potential for perennial crops for biofuel are perennial.</p> <p>CCS Note: One TWG member suggested combining 3.7 with 1.2, while another suggested combining 3.7 with 3.1.</p>
		3.2	Nutrient Management	4	
		5.2	Promotion of Farming Practices that Achieve GHG Benefits	3	
		3.7	Perennial Crop Production	2	

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AFW-4	Manure Management and Waste Energy Utilization	2.1	Manure Management and Utilization	6	<i>TWG note for 2.1: Fed issue?</i>
		1.3	Manure Digesters / Other Waste Energy Utilization	2	
AFW-5	Forest and Rangeland Carbon Protection and Management	4.1	Land-use Management that Promotes Permanent Cover – State Action	5	
		4.2	Land-use Management that Promotes Permanent Cover – State Input on Federal Policy	3	
		7.4	Rangeland & Forest Management for Carbon Sequestration	2	
		4.3	Rangeland & Forest Protection – Reduced Clearing and Conversion to non-Forest Cover	2	
		7.1	Prioritize Environmental remediation Actions for GHG Benefits	2	
AFW-6	Methane and Biogas Energy Programs	10.3	Landfill Methane Energy Programs	6	
		10.2	Methane and Biogas Energy Programs	5	

AFW Policy Option #	Suggested Policy Option Name	AFW Catalog Option No.	AFW Catalog GHG Reduction Policy Option	Total Individual Selections	TWG Member Comments
<i>Medium Priorities for Analysis</i>					
		2.3	Technology Improvements to Increase Water Conservation	4	<i>TWG note for 3.4: Fed issue?</i>
		3.4	Water Management	3	
		11.2	Energy Efficiency Improvements	3	
		11.3	Lower Waste Processing Needs (Lower Water Consumption, Waste Production)	3	
		4.4	Preserve Open Space / Agricultural Land	3	
		3.3	Technology Improvements to Increase Efficiency (Crop Production)	3	
<i>Low Priorities for Analysis</i>					
		9.3	Advanced Recycling and Composting	2	
		2.4	Technology Improvements to Increase Efficiency (Livestock)	2	
		5.1	Increase On-Farm Energy Production and Efficiency	2	
		6.5	Expanded Use of New, Reused, and Recycled Wood Products for Building Materials	2	
		7.5	Mitigation of Carbon Sequestration Loss and Emissions Due to Wildfire	2	

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		9.5	Source Reduction Strategies	2	
		11.4	Install Digesters and Turbines or Engines	2	
		11.5	Algae and Bio-Oils	2	
		1.6	Expand Production/Use of Bio-Based Materials and Chemicals	1	
		3.6	Biotechnology Applications for GHG Mitigation	1	
		5.3	Programs To Support Local Farming/Buy Local	1	
		5.4	Promotion of Urban Agriculture, Community Gardens, Green Roofs, and Locally-Sourced School Foods	1	
		6.4	Improved Commercialization of Biomass Conversion Technologies	1	
		9.4	Promotion of Bioreactor Technology (Advanced Municipal Solid Waste Management Practices)	1	
		9.7	Enhanced Management of Organic Waste	1	
		10.1	Flare Landfill Methane at non-NSPS (Smaller) Sites	1	
		11.1	Wastewater Treatment Plant Biosolids for Energy Production	1	
		11.6	Use of Wetlands for Energy Efficiency and Carbon Sequestration	1	
		2.2	Changes in Animal Feed	0	

AFW Policy Option #	Suggested Policy Option Name	AFW Catalog Option No.	AFW Catalog GHG Reduction Policy Option	Total Individual Selections	TWG Member Comments
		3.5	Drainage Management	0	
		7.2	Urban Forestry	0	
		7.3	Afforestation and/or Restoration of Non-Forested Lands	0	
		7.6	Mitigation of Forest Loss Due to Insects/Disease	0	
		8.1	Improved Mill Waste Recovery—Utilization of Sawmill Residues and Emissions	0	
		8.2	Improved Logging Residue Recovery	0	
		8.3	Silviculture Improvements	0	
		9.6	Resource Management Contracting	0	
		9.8	Improved Commercialization of Biomass Conversion Technologies	0	