

Assessment of compliance with the criteria for ecological sustainability for research proposals within the Helmholtz-Alberta Initiative, HAI

Title of Research Proposal:	
Participating Helmholtz Centre/s:	
Planned Project Start:	Envisaged Project Completion:
Funded by:	Funding Amount
Collaborative Partners in Science:	
Collaborative Partners in Industry:	
Referee:	

Summary of Research Proposal:

Sustainability Criteria	relevant	if applicable	
		fulfilled	Not fulfilled
■ Reduction of demands on surface space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Reduction of contaminated surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Contribution to ecological landscape development (recultivation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Reduction of the water requirement during the process of oil sand mining and use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Protection of a good ecological condition of the water systems outside the tailing basins (in relation to the reference condition)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Minimisation of the ecological effects of the tailings basins (air pollution, groundwater load, toxicity, impact on flora and fauna)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Minimisation of ecological damage during opening of the mining surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Reduction of air pollution through improved technological processes and an optimal environmental management during the different phases of the value chain for oil sand processing and use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Contribution to the reduction of greenhouse gas emissions during the different phases of the value chain for oil sand processing and use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Development of new environmental technologies for the different phases of the value chain for oil sand processing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Contribution to the improvement of environment management for the different phases of the value chain for oil sand processing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
■ Contribution to the education of new generation scientists with regard to an environmentally friendly processing and use of oil sands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signature

Date