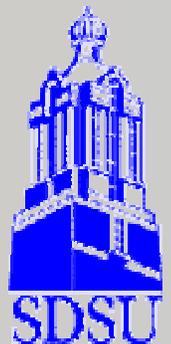


# *The Sun Grant Initiative*

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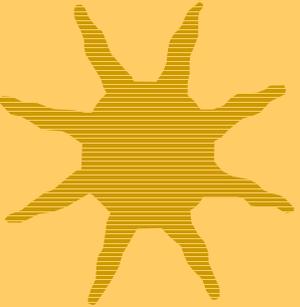
**A Concept From US Sen. Tom Daschle to Revitalize  
Rural Communities and Solve Our Energy Needs**





# *Problems and Challenges for the Nation*

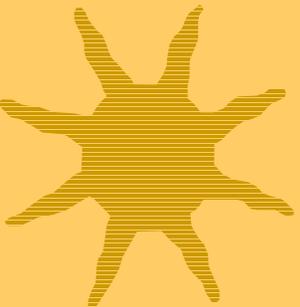
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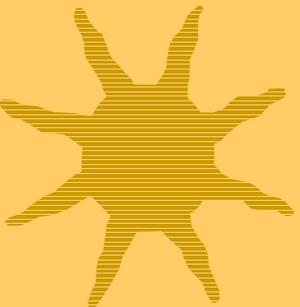
★ Second major energy crisis in 30 years.

★ Shortages of electrical power.

★ Retail prices of gasoline and natural gas recently hit record levels.



★ Farmers are experiencing economic hardships.

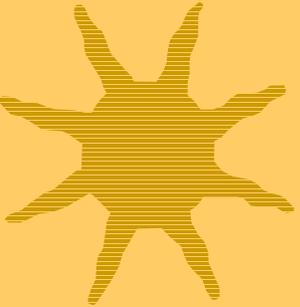


★ Exodus from rural areas to urban centers.

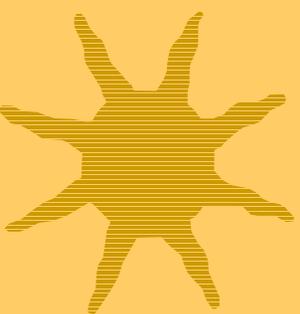
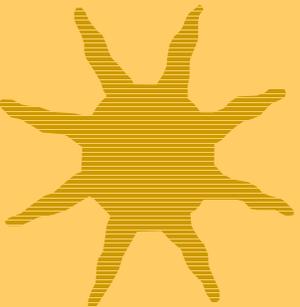


# *Problems and Challenges for the Nation*

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- ★ Viable alternatives and diversity are needed in agriculture.
- ★ We can help solve these problems.
- ★ Feedstocks for production of fuels, electrical power, lubricants, plastics, solvents, pharmaceuticals, cosmetics, building materials, and numerous other **biobased** products.

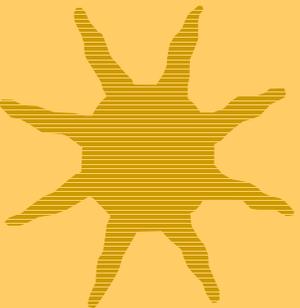
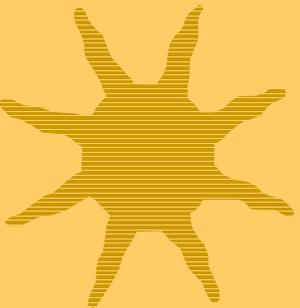
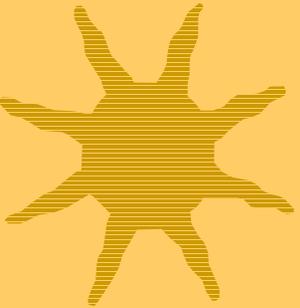




# *The Sun Grant Initiative*

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- ★ A national network of DOE laboratories and land grant universities to implement a biobased economy.



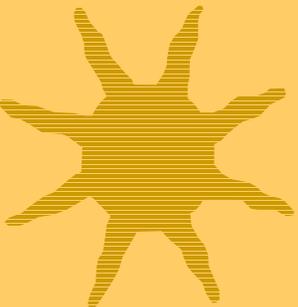
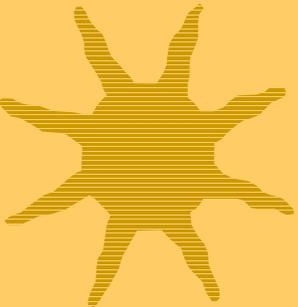
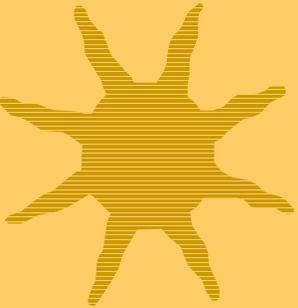


# *The Sun Grant Initiative*

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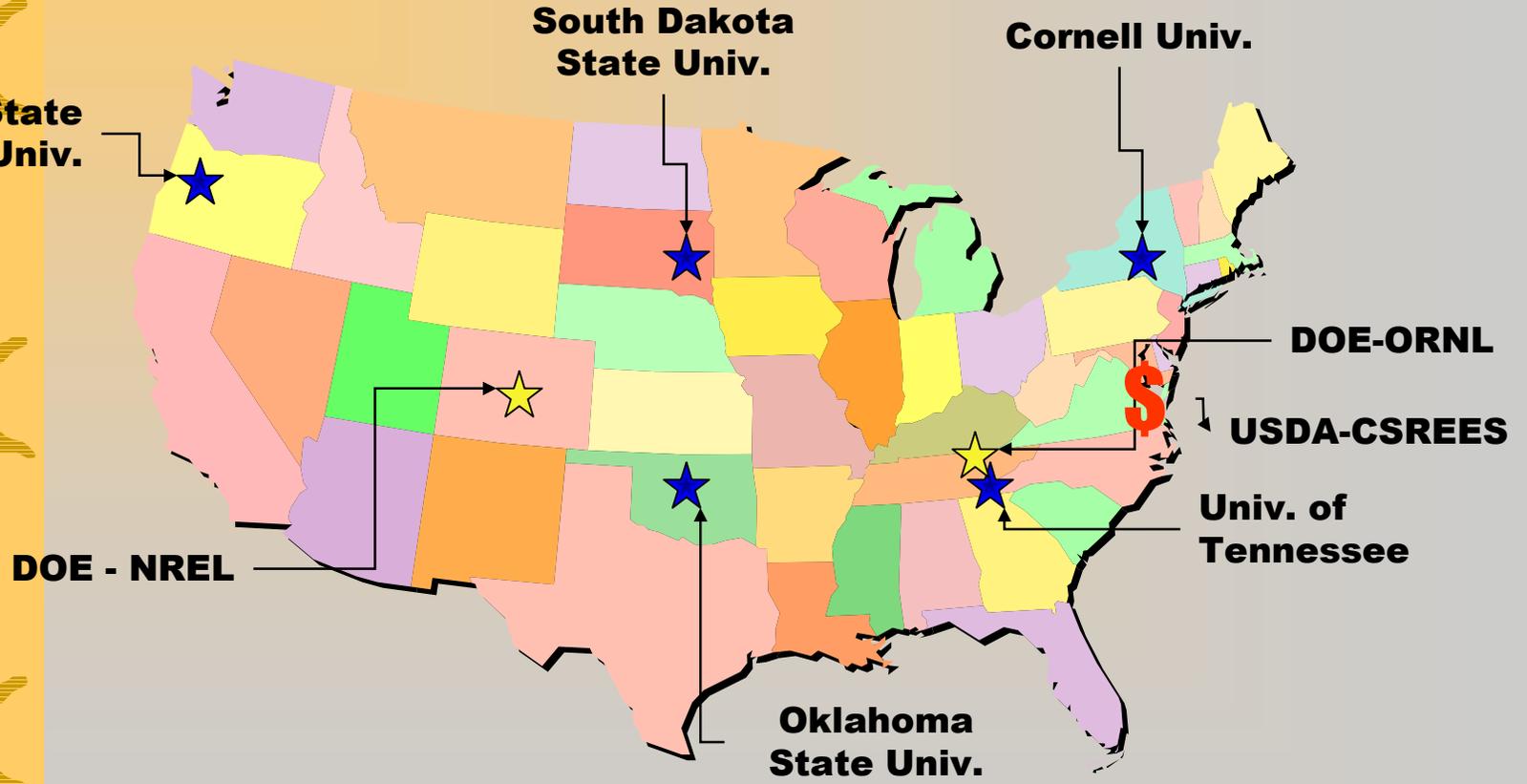
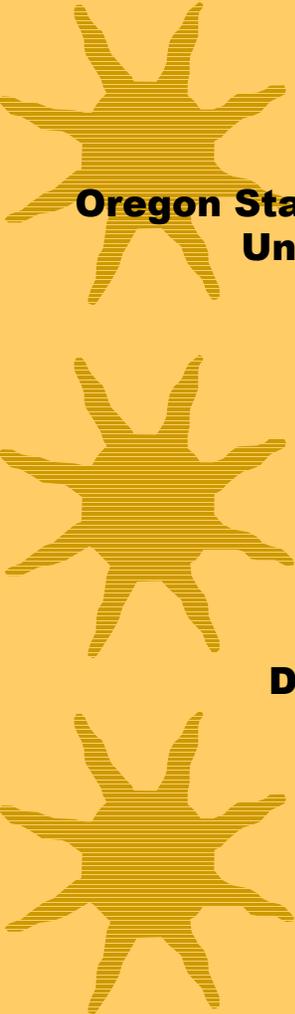
## ★ Mission

- **Enhance national energy security through development, distribution and implementation of biobased energy technologies.**
- **Promote biobased diversification and environmental sustainability of America's agriculture.**
- **Promote opportunities for biobased economic diversification in rural communities.**





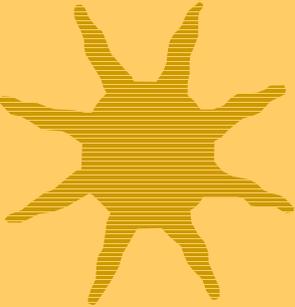
# *The Sun Grant Initiative*



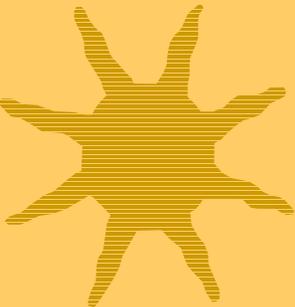
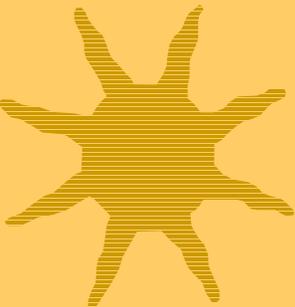


## *Centers and Regions*

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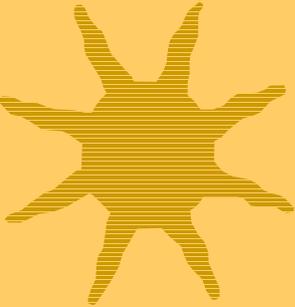
- ★ Five national centers.
- ★ Each to receive federal funding to establish their expertise and solidify their programs.
- ★ Each center will also administer competitive grants for their respective regions.



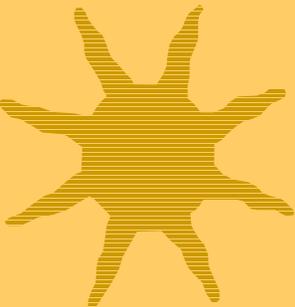


# *The Land Grant System*

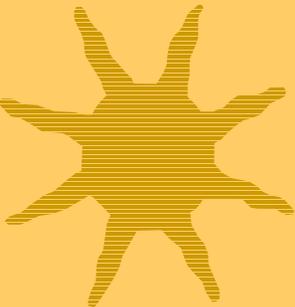
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★ Research, Academic, and Extension programs.



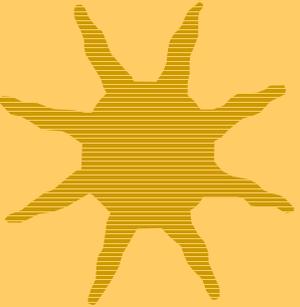
★ Broader than the ag colleges;  
– SDSU Colleges of Family & Consumer Sciences, Engineering, and Pharmacy



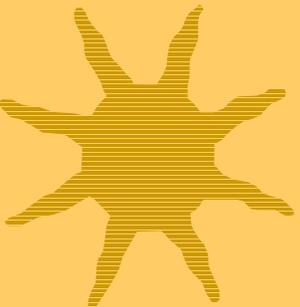


# *Plans*

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★ Planning and legislation preparation are underway.



★ Be thinking about how to implement at SDSU

- Form teams
- Define goals and objectives
- Intend to make an impact

