



SBARE Input Session, Ag & Conservation Value
Ryan Taylor, Ducks Unlimited



Smoky Lake



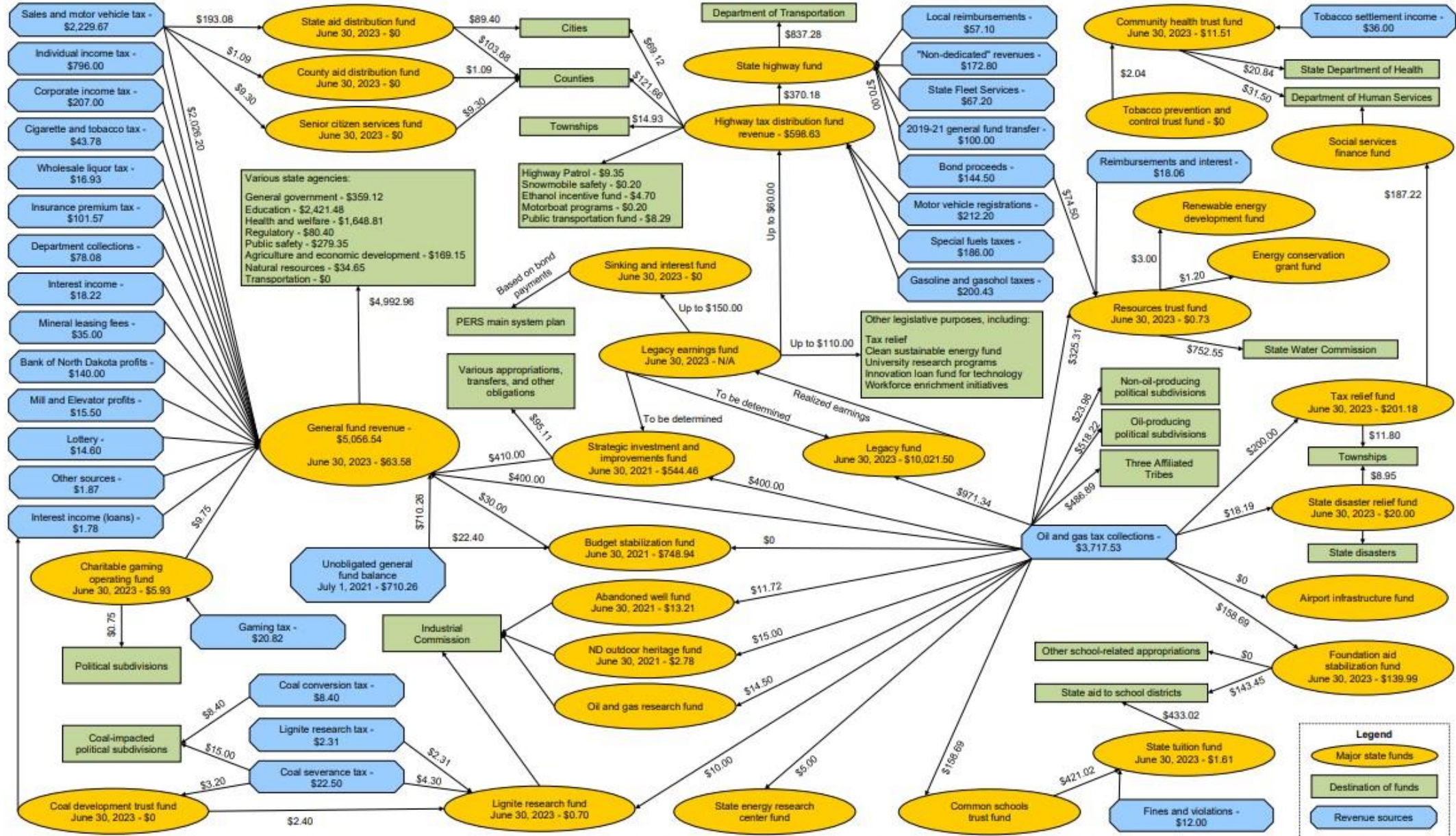
Google



Camera : 2,974 m 48°10'19"N 100°15'18"W 457 m 100%



ESTIMATED REVENUE SOURCES AND DISTRIBUTIONS FOR MAJOR STATE FUNDS FOR THE 2021-23 BIENNIUM (Amounts Shown in Millions)

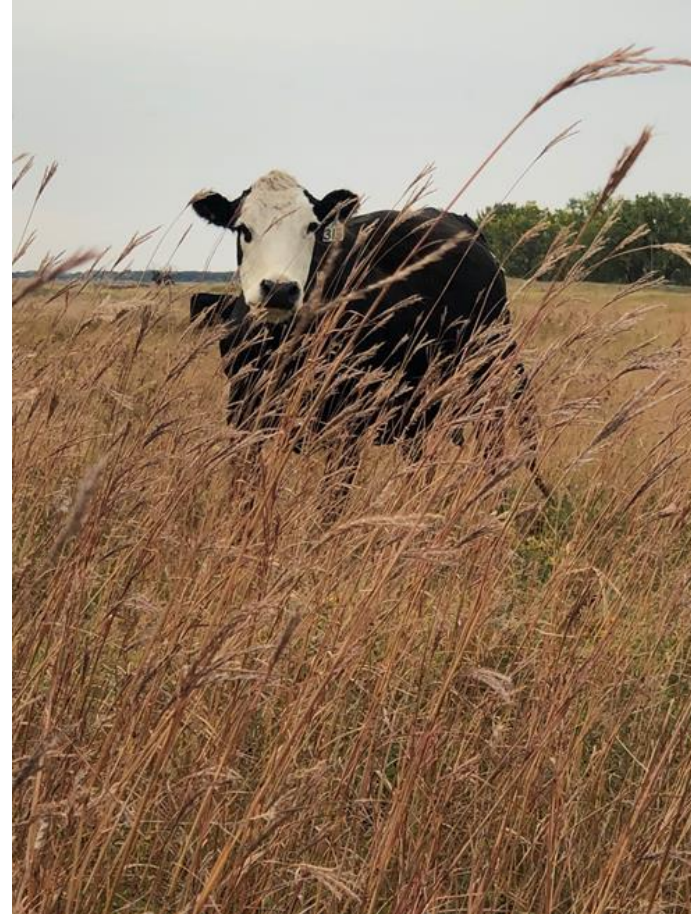


NOTE: The amounts shown reflect the appropriations and estimated revenues approved by the 2021 Legislative Assembly. The actual expenditures and revenues may differ significantly from these amounts based on agency spending, revenue collections, and other economic factors.
North Dakota Legislative Council

SBARE role in conservation/ag opportunities

New income streams for farm/ranch viability

- Climate smart agriculture on the horizon—carbon markets, ecosystem service payments (water filtration, flood attenuation, CO2 sequestration). Farms and ND ag land base provides food, and a whole lot more
- Production and conservation can and does go hand in hand, a must for sustainable food production
- NDSU Extension understanding and commitment to this new frontier as trusted advisers



Conservation/Climate Fits Current Efforts

Cover crops, grazing, drought resiliency

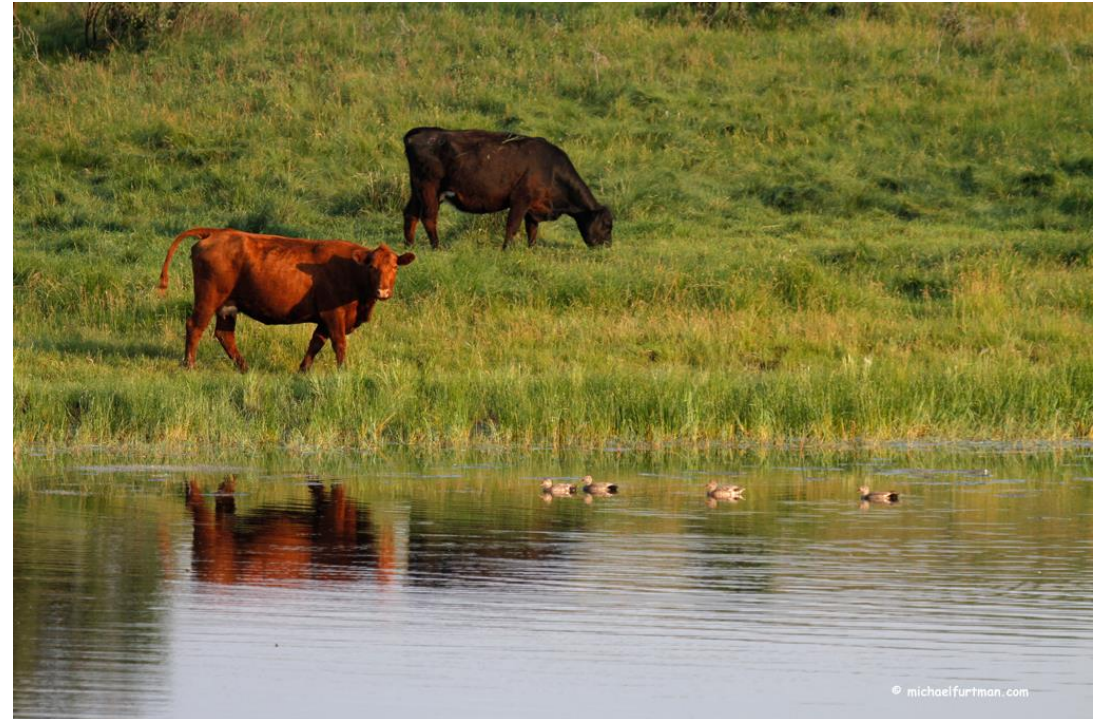
- Work done by DU and others with ag producers through ND Outdoor Heritage Fund awards
- Cost share for cover crops, fencing and water infrastructure for grazing systems, soil health benefits for habitat/environment
- SBARE could help fulfill the need for objective data on the benefits



CRP Wetlands/Carbon Research Study

\$3.2 million USDA grant awarded

- Announced by Secretary Vilsack on Oct. 12
- Focus on climate benefits of restored wetlands
- Wetlands account for 30 percent of global carbon storage, productive sequestration but complex greenhouse gas cycles in need of research, study and data
- Partner entities: USGS Northern Prairie Wildlife Research Center, Clemson University, Kenyon College, Lincoln University, Pennsylvania State University, United Tribes Technical College, University of Missouri, The University of Texas at Austin, and USDA North Central Agricultural Research Laboratory



Land Grant and NGO Partnership Legislation S. 1189 (Young/Smith/Braun/Schatz)

- ‘Conservation and Innovative Climate Partnership Act’
- Voluntary conservation practices with Land Grant/NGO/farmer partnerships, funding for workshops, distributing materials, testing effectiveness of different climate smart conservation practices.
- \$14 million in funding, individual grants of \$400,000 for 4 years



SBARE Ideas

- Emerging conservation revenue further supports the livestock initiative, grazing animals = soil health
- Tied to big data initiative, measuring carbon and other ecosystem values?
- Stand alone climate smart ag & conservation revenue specialist?
- Partner opportunities to have NDSU and Extension at the table when production/soil health/conservation entities gather and vision the future





Grazingland Enhancement Pilot

<https://youtu.be/TXXavikR-Rw>



Cover Crop Livestock Integration

<https://youtu.be/DOCLJavM3ss>



Any questions?

Ryan Taylor, rtaylor@ducks.org, 701.537.3632



Extra Slides Below Here

