

Annotated Index of Resources

Cross-Referenced with Support Resources in

Building a Resilient Region: Final Report for the HUD/DOT/EPA Sustainable Communities Planning Grant

This online index provides a quick link to the support resources identified in *Building a Resilient Region: Final Report for the HUD/DOT/EPA Sustainable Communities Planning Grant* and an inventory of all the resources included on the Resilient Region website.

Appendix A: Step-by-Step

A-1: Who We Are – A Community-Driven, University Assisted, Partnership. A complete list of the roles, responsibilities, qualifications and contact information may be found in Community Driven University Assisted Partnership. http://www.resilientregion.org/cms/files/Community%20Driven%20University%20Assisted%20Partnership%20vF.pdf

A-2: Guides to Our Approach includes a comprehensive discussion of the resources used to guide our work. http://www.resilientregion.org/cms/files/Guides%20to%20Our%20ApproachvF.pdf

A-3: We hit the ground running, once the grant award was announced - making sure the Region Five Development Commission and local units of government were reminded of the application and what was to be accomplished R5DC Presentation January 27, 2011 http://www.resilientregion.org/cms/files/R5DC%20January%2027%202011.pdf

Core Events

A-4: Our Kick Off Event was held February 23, 2011. Activities were designed to begin to obtain input from the region, to begin to define "sustainability" and to establish norms for positive dialogue.

http://www.resilientregion.org/cms/files/Kick%20Off%20February%2023%202011.pdf

A-5: During Work Group 1, March 2, 2011, we reviewed data provided by MN DEED and began to identify regional assets and issues.

http://www.resilientregion.org/cms/files/Work%20Group%201%20March%2022%20201 1.pdf **A-6:** Work Group 2, April 19, 2011, focused on key issues and identifying data needed to better understand these.

http://www.resilientregion.org/cms/files/Work%20Group%202%20April%2019%202011 .pdf

A-7: On May 24, 2011, during Work Group 3, we began to explore scenarios for the future as well as identify recommendations to address the key issues. http://www.resilientregion.org/cms/files/Work%20Group%203%20May%2024%202011. pdf

A-8: Work Group 4, August 23, 2011, was a time when we reviewed draft scenario descriptions and continued to refine recommendations. <u>http://www.resilientregion.org/cms/files/Work%20Group%204%20August%2023%2020</u> <u>11.pdf</u>

A-9: During Work Group 5, September 20, 2011, the members of the Land Use, Economic Development, Transportation, and Housing looked for common themes. <u>http://www.resilientregion.org/cms/files/Work%20Group%205%20September%2020%2</u> 02011.pdf

A-10: December 15, 2011, **Round 1** was when the full consortium reviewed scenario data (such as for broadband) and voted on the preferred scenario for each issue area. <u>http://www.resilientregion.org/cms/files/Round%201%20December%2015%202011.pdf</u>

A-11: Round 2, May 8, 2012, provided consortium members with an opportunity to review draft materials.

http://www.resilientregion.org/cms/files/Round%202%20May%208%202012.pdf

A-12: Round 3, June 12, 2012, allowed consortium members to see how the core team used their feedback, review the draft policy toolkit, and begin to identify regional champions for the plan.

http://www.resilientregion.org/cms/files/Round%203%20June%2012%202012%20vF.pd f

A-13: On August 14, 2012, Round 4, we celebrated our accomplishments - not only production of a plan - but also the leveraging of more than \$4 Million, at that time, for implementation projects.

http://www.resilientregion.org/cms/files/Round%204%20August%2014%202012.pdf

Other Events to Support Development of The Plan

Other opportunities for input included:

A-14: the Minnesota Department of Transportation Standing Committee to Advance Model Planning SCAMPI Meeting http://www.resilientregion.org/cms/files/SCAMPI%20May%209%202011.pdf A-15: Resilient Region Workshops, http://www.resilientregion.org/cms/files/Resilient%20Region%20Workshops.pdf

A-16: Collage of Sustainability http://www.resilientregion.org/cms/files/Collage%20of%20Sustainability%20Oct ober%2013,%202011.pdf

A-17: GreenStep Cities Workshops http://www.resilientregion.org/cms/files/GreenStep%20Cities.pdf

A-18: Utility Habitat and HRA Meeting http://www.resilientregion.org/cms/files/Utility%20Habitat%20and%20HRA%20 Meeting.pdf

Specialty Studies to Support Planning Work

A-19: Regional Profile compiled by Nate Dorr, Analyst for the Minnesota Department of Employment and Economic Development, for workgroup 1. http://www.resilientregion.org/cms/files/Regional%20Profile%20by%20Nate%20Dorr%20Regional%20Analyst,%20MN%20DEED,%20March%209,%202011.pdf

City Policy Analysis: John Sisser, University of Minnesota Regional Sustainable Development Partnership, analyzed the Long Prairie, Little Falls, Walker, Brainerd, and Wadena city policies. Each topic is covered in its own document. These supported the development of our plan (Final Report Reference: A-20 a-h).

A-20 a. Water and Natural Resources Policy Analysis http://www.resilientregion.org/cms/files/Water%20and%20Natural%20Resources %20Policy%20Analysis%20-%20Merged.pdf

A-20 b. Transportation Policy Analysis http://www.resilientregion.org/cms/files/Transportation%20Policy%20Analysis%2 0-%20Merged.pdf

A-20 c. Parks, Trails, Open Space and Recreation Policy Analysis http://www.resilientregion.org/cms/files/Parks,%20Trails,%20Open%20Space,%20 and%20Recreation%20Policy%20Analysis%20-%20Merged.pdf

A-20 d. Land Use Policy Analysis

http://www.resilientregion.org/cms/files/Land%20Use%20Policy%20Analysis%20 -%20Merged.pdf

A-20 e. Intergovernmental Policy Analysis

http://www.resilientregion.org/cms/files/Intergovernmental%20Coordination%20P olicy%20Analysis%20-%20Merged.pdf A-20 f. Housing Policy Analysis http://www.resilientregion.org/cms/files/Housing%20Policy%20Analysis%20-%20Merged.pdf

A-20 g. Health Care Policy Analysis

http://www.resilientregion.org/cms/files/Health%20Care%20Policy%20Analysis% 20-%20Merged.pdf

A-20 h. Economic Development

http://www.resilientregion.org/cms/files/Economic%20Development%20Policy%2 0Analysis%20-%20Merged.pdf

County Policy Analysis: Michael Dorfman, University of Minnesota Regional Sustainable Development Partnership, analyzed the Cass, Crow Wing, Morrison, Todd and Wadena County policies. Each topic is analyzed in its own document. These supported the development of our plan (Final Report Reference: Appendix A-21 a-h).

A-21 a. County Health Care Policy Analysis http://www.resilientregion.org/cms/files/HealthCarePolicyAnalysisFinal.pdf

A-21 b. County Intergovernmental Coordination Policy Analysis <u>http://www.resilientregion.org/cms/files/IntergovernmentalPolicyAnalysisFinal.p</u> <u>df</u>

A-21 c. County Parks, Trails, Open Space and Recreation Policy Analysis http://www.resilientregion.org/cms/files/ParksTrailsOpenSpaceRecreationPolicy AnalysisFinal.pdf

A-21 d. County Water and Natural Resources Policy Analysis http://www.resilientregion.org/cms/files/WaterNaturalResourcesPolicyAnalysisFi nal.pdf

A-21 e. County Land Use Policy Analysis http://www.resilientregion.org/cms/files/LandUsePolicyAnalysisFinal.pdf

A-21 f. County Transportation Policy Analysis http://www.resilientregion.org/cms/files/TransportationPolicyAnalysisFinal.pdf

A-21 g. County Housing Policy Analysis http://www.resilientregion.org/cms/files/HousingPolicyAnalysisFinal.pdf

A-21 h. County Economic Development Policy Analysis http://www.resilientregion.org/cms/files/EconomicDevelopmentPolicyAnalysisFi nal.pdf **Appendix: A-22 William Mitchell College of Law Research Projects**: William Mitchell College of Law Community Development Clinic students were engaged in research activities on topics directed by Workgroup leaders. These reports were used in the development of our plan:

A-22a. Microfinancing Options provides an evaluation of microfiancing options for Region 5. It was prepared by Holly Hinman, Certified Student Attorney, Caroline Devany, CURA/NPCR Intern, Macalester College, and Diane Marie Dube, Supervising Attorney (Final Report Reference: Appendix A-22a). http://www.resilientregion.org/cms/files/Microfinancing%20options.pdf

A-22b. Angel Investing Evaluation by Max Page, Student Certified Attorney, and Diane Marie Dube, Supervising Attorney. Evaluation of angel investing options for Region 5 (Final Report Reference: Appendix A-22b). http://www.resilientregion.org/cms/files/Angel%20Investing%20Evaluation.pdf

A-22c. Transportation Funding Summary Memo by David Howe, Certified Student Attorney, and Diane Marie Dube, Supervising Attorney. A summary of transportation funding systems in Minnesota with Region 5 priorities (Final Report Reference: Appendix A-22c).

http://www.resilientregion.org/cms/files/Transportation%20Funding%20Summar y%20Memo.pdf

A-22d. Review of Local Zoning Ordinances for Housing Affordability Barriers was prepared by David J. Stellmach, Certified Student Attorney, with Diane Marie Dube, Supervising Attorney. It evaluates the zoning ordianes for barriers to housing affordability in 20 Region 5 communities (Final Report Reference: Appendix A-22d). <u>http://www.resilientregion.org/docs/Local-Zoning-Ordinances.pdf</u>

A-22e. Housing Barriers to Affordability, prepared by Susie Vang, Certified Student Attorney, and Diane Mare Dube, Supervising Attorney (Final Report Reference: Appendix A-22e), reviews typical barriers to housing affordability found in zoning ordinances.

http://www.resilientregion.org/cms/files/Housing_Barriers_to_Affordability.pdf

A-22f. CMSDP Zoning Typology Memo (Legal Research for the Land Use Work Group) by Elizabeth Anne Lyons, Certified Student Attorney, and Diane Marie Dube, Supervising Attorney. Research paper on zoning types (Final Report Reference: Appendix A-22f).

http://www.resilientregion.org/cms/files/CMSDP%20Zoning%20Typology%20M emo.pdf

A-22g. CMSDP Variance Changes Memo by Elizabeth Anne Lyons, Certified Student Attorney, and Diane Marie Dube, Supervising Attorney. Research paper summarizing recent changes in Minnesota variance law (Final Report Reference:

Appendix A-22g). http://www.resilientregion.org/cms/files/CMSDP%20Variance%20Changes%20 Memo.pdf

A-22h. CMSDP Sustainability in Current Zoning Memo by Elizabeth Anne Lyons, Certified Student Attorney, and Diane Marie Dube, Supervising Attorney. Research paper evaluating two local zoning ordinances for sustainability concepts (Final Report Reference: Appendix 22-h). http://www.resilientregion.org/cms/files/CMSDP%20Sustainability%20in%20Cur

rent%20Zoning%20Memo.pdf

A-22i. The Affordable Housing Ordinances memo identifies areas in the final comprehensive plan for affordable housing that need additional research. The memo was prepared by David H. Holt, Certified Student Attorney, and Diane Marie Dube, Supervising Attorney (Final Report Reference: Appendix A-22i). http://www.resilientregion.org/cms/files/Affordable_Housing_Ordinances.pdf

Appendix A-23: Map Narratives provides additional information and insight into the five-county Central Minnesota region's current and past conditions. These maps aided in the development of the plan. The narrative provides information that compliments and expands upon map information, and includes references to the "Recommendations" established in the Resilient Region Plan's Themes, Issues, Goals, Recommendations, and Action Steps. <u>http://www.resilientregion.org/cms/files/Map_Narratives_with_Maps.pdf</u>

Appendix A-24: Mapping the Process for Scenarios and FHEA how Geographic Information Systems (GIS) was used to visualize aspects, especially when several scenarios were compared, may be found in this document. <u>http://www.resilientregion.org/cms/files/Mapping%20the%20Process%20for%20the%20</u> Scenarios%20and%20FHEA.pdf

Appendix A-25: Project Update (26 Activities) One of the steps taken during the grantwriting phase, which, upon reflection, were crucial to our success included the solicitation of cross-section of ideas and alignment of these with the HUD Livability Principles and Mandatory Outcomes. Experts from the fields of transportation, housing, economic development and land use were asked to provide ideas. These were then crossreferenced with the HUD/DOT/EPA Livability Principles and Mandatory Outcomes. This linkage was, to a large degree, part of a requirement of the NOFA – all were to be addressed by the plan. This resulted in the identification of 26 activities. (Project Update is the July 2012 Report to HUD on the 26 activities). http://www.resilientregion.org/docs/Project-Update.pdf

Appendix B: Resilient Region Plan: Themes, Goals, Recommendations, & Action Steps

B-1 Our Plan This plan was presented to the community at our celebration event August

14, 2012. It includes the Livability Principles, Regional Guiding Principles, Vision and Values, and Issues, Goals, Recommendations, and Action Steps organized across 11 themes.

(http://www.resilientregion.org/cms/files/The%20Resilient%20Region%20Plan%20Prese nted%20August%2014,%202012.pdf)

B-2 Table of Themes Cross Referenced with Principles & Source This document provides a comprehensive view of the final plan. It includes the issues, goals, recommendations and action steps cross-referenced with the HUD/DOT/EPA Livability Principles (HUD 1- 6), the Regional Guiding Principles (RGP 1-8), Activities 1-26, Comprehensive Economic Development Strategies (CEDS), and workgroups H = Housing; T = Transportation; E = Economic Development; and L = Land Use. (http://www.resilientregion.org/cms/files/Table%20of%20Themes%20vF.pdf)

Appendix C: Resilient Region Theme Champions and Resource Organizations

Champions and Resource Organizations Contact List provides the most recent list of the Resilient Region Theme Champions and Resource Organizations (October 23, 2012). http://www.resilientregion.org/cms/files/Resilient_Region_Champions_Resources_Organ ization_v9%20Update%20Oct%2024%202012%20mtg.pdf

Appendix D: Resilient Region Economic Development Plan

D-1: CEDS 2012 The HUD/DOT/EPA Sustainable Communities Regional Planning grant required a fully integrated plan with the four disciplines AND required separate regional plans for Housing, Land-Use, Transportation and Economic Development. To avoid duplication of efforts, the 2012 CEDS is ALSO the Resilient Region Economic Development Plan

(http://www.resilientregion.org/cms/files/PDF%20CEDS%20reduced.pdf)

D-2: Ten projects were chosen through an evaluation process during the 2011 Sustainable Communities Regional Planning process. These were identified as vital to moving forward many of the preliminary work group recommendations. Funding was awarded in the Fall of 2012 by USDA Rural Development. The white papers have been combined into the CEDS Vital Projects

(http://www.resilientregion.org/cms/files/CEDS%20Vital%20Projects%20vF.pdf)

D-3: Hazard Mitigation Plans. Hazard mitigation planning is designed to protect the health, safety, and economic interests of citizens by reducing the impacts of natural, technological, and human-related hazards. The resulting plans provide steps to be taken to help reduce injuries, loss of life, and destruction of property due to hazardous conditions. R5DC, as part of the work to build resilient communities, continues to work with Cass County, Crow Wing County, Morrison County, Todd County and Wadena County and has been approached by the Leech Lake Tribe to prepare these vital documents. The Morrison County, Wadena County, Cass, Crow Wing County and Todd County plans are included on the resilient region site

(http://www.resilientregion.org/economic-development/)

D-4: Solar Thermal in Central MN: Solar Feasibility Analysis for Local Units of Government was conducted by the Rural Renewable Energy Alliance (RREAL) to support the regional planning efforts. Local Units of Government throughout Region Five face the challenge of financing growing expenditures for essential services in the presence of continued budget cuts. The RREAL study assessed the potential for solar thermal technologies to stabilize and reduce municipal heating costs. This lead to a pilot project at the Brainerd Lakes Regional Airport funded by USDA. The efficiency and effectiveness is being evaluated and the results will be released at a later date. (http://www.resilientregion.org/docs/Solar-Thermal-Central-MN.pdf)

D-5: *Central Minnesota Food Hub* was a feasibility study conducted by Happy Dancing Turtle in partnership with Agricultural utilization Research Institute (AURI), Central Lakes College Small Business Development Center, the Farm on St. Mathias, the Initiative Foundation, JBJ World LLC, Region Five Development Commission, University of Minnesota Central Regional Sustainable Development Partnership, and University of Minnesota Center for Urban and Regional Affairs (CURA). The overall results provide "strong evidence supporting the development of a food hub in Central Minnesota." This work will help support the HUD/DOT/EPA Sustainable Communities Resilient Regional plan by providing crucial information needed for Recommendation EC2 "Local Foods: Promote and support the expansion of the local food economic sector."

(http://www.resilientregion.org/cms/files/Central_Minnesota_Food_Hub_final.pdf)

Appendix E: Resilient Region Housing Plan

E-1: A requirement of the HUD/DOT/EPA grant was to conduct a Fair Housing Equity Assessment – FHEA. The FHEA was prepared by the Central Minnesota Housing Partnership (CMHP) with assistance from R5DC, University of Minnesota, and EnSearch. <u>http://www.resilientregion.org/docs/FHEA.pdf</u>

E-2: Affordable Housing Location Model This model was created by Zach Tagar to help the project determine where there was a need for affordable housing within the region (Final Report Reference: Appendix E-2).

http://www.resilientregion.org/cms/files/Resilient%20Region%20Affordable%20Housin g%20Location-Allocation%20Model.pdf

E-3: To better understand housing priorities, strategies, issues, and solutions throughout Greater Minnesota, Minnesota Housing Finance Agency partnered with the Greater Minnesota Housing Fund and USDA Rural Development to carryout Regional Housing Dialogues.

http://www.resilientregion.org/cms/files/Greater_MN_Regional_Housing_Dialogues_Su mmary.pdf

Appendix F: Resilient Region Land Use Plan

F-1: Regional Land Use Practices: How Central Minnesota Can Become More Sustainable, prepared by Philip Hunsicker, Lakes Regional Program Director, Envision Minnesota, describes what was learned through the planning process regarding land use issues for the five-county region.

http://www.resilientregion.org/cms/files/Regional%20Land%20Use%20Practices-%20How%20Central%20Minnesota%20Can%20Become%20More%20Sustainable%20v F.pdf

F-2: City: Land Use Policy Analysis John Sisser, University of Minnesota Regional Sustainable Development Partnership, analyzed the Long Prairie, Little Falls, Walker, Brainerd, and Wadena city policies related to Land Use. http://www.resilientregion.org/cms/files/Land%20Use%20Policy%20Analysis%20-%20Merged.pdf

F-3: County: Land Use Policy Analysis Michael Dorfman, University of Minnesota Regional Sustainable Development Partnership, analyzed the Land Use Policies for Cass, Crow Wing, Morrison, Todd and Wadena Counties. http://www.resilientregion.org/cms/files/LandUsePolicyAnalysisFinal.pdf

F-4: Elizabeth Anne Lyons, Certified Student Attorney, and Diane Marie Dube, Supervising Attorney, from the William Mitchell College of Law conducted a legal research project for the Land Use Work Group. CMSDP Zoning Typology Memo. <u>http://www.resilientregion.org/cms/files/CMSDP%20Zoning%20Typology%20Memo.pd</u>

F-5: Review of Natural Resource Ordinances by William Mitchell Law School helped to build the Policy Toolkit and Model Comp Plan. http://www.resilientregion.org/cms/files/Natural_Resource_Ordinances.pdf

F-6: Map Narratives provide an analysis of the maps used to study the land use discipline. These include Impaired Lakes and Streams, Aquatic Invasive Species, Lakes, Streams and Water Access.

http://www.resilientregion.org/cms/files/Map_Narratives_with_Maps.pdf

F-7: Land Use was integrated across the final resilient region plan. Land Use and Natural Resources are also highlighted in F-7 Theme 4: Land Use & Natural Resources Detail. <u>http://www.resilientregion.org/cms/files/F-</u> <u>7%20Theme%204%20Land%20Use%20&%20Natural%20Resource%20Detail.pdf</u>

Appendix G: Resilient Region Transportation Plan

Transportation Inventory and Needs, by Jake Huebach, Transportation Planner with R5DC, provides a comprehensive review of the transportation assets and needs within the region as well as Transportation Maps for the region (G-1): Transportation Maps, (G-2):

Region Commute Shed Maps, (G-3): County 5 Year Construction Plan <u>http://www.resilientregion.org/cms/files/Resilient%20Region%20Transportation%20Plan</u> <u>%20reduced.pdf</u>

The final resilient region transportation plan also includes work from the University of Minnesota and William Mitchell Law School.

G-4: City Transportation Policy Analysis, by John Sisser, University of Minnesota Regional Sustainable Development Partnership, includes a review of the Long Prairie, Little Falls, Walker, Brainerd, and Wadena city transportation policies. <u>http://www.resilientregion.org/cms/files/Transportation%20Policy%20Analysis%20-%20Merged.pdf</u>

G-5: Michael Dorfman, University of Minnesota Regional Sustainable Development Partnership, analyzed the Transportation Policy Analysis for Cass, Crow Wing, Morrison, Todd and Wadena Counties.

http://www.resilientregion.org/cms/files/TransportationPolicyAnalysisFinal.pdf

G-6 David Howe, Certified Student Attorney, and Diane Marie Dube, Supervising Attorney, William Mitchell Law School provided Transportation Funding Summary for the Transportation workgroup.

http://www.resilientregion.org/cms/files/Transportation%20Funding%20Summary%20M emo.pdf

Appendix I: Model Comprehensive Plan Policies and Model Ordinances to Implement the Livability Principles.

Model Comp Plan is the culmination of a year-long project by students of the University of Minnesota Law School's Environmental Sustainability Clinic, Land Use Planning section. The goal of the project was to develop model comprehensive plan language and accompanying model ordinances to help communities in Minnesota implement the Partnership for Sustainable Communities' Livability principles.

http://www.resilientregion.org/cms/files/Model_Comprehensive_Policies_and_Ordinance s_to_Implement_the_Livability_Principles.pdf

Appendix H: Supporting a Resilient Region: A Best Practices Toolkit for the Central Minnesota Sustainable Development Plan.

Policy Toolkit is a capstone project from a team of Hubert H. Humphrey School of Public Affairs Maser of Urban and Regional Planning students working collaboratively with Regional Sustainable Development Partnerships (RSDP). http://www.resilientregion.org/cms/files/Sustainability_Toolkit.pdf

Appendix J: Resources Leveraged to Support Planning & Implementation.

Resources Leveraged is a final accounting of the resources devoted to and leveraged for both planning and implementation. At the time this report was being prepared, more than \$4.5 million had been leveraged. This figure will change as grant-writing projects continue at the time of this report. This only represents a portion of the resources leverage. A conservative estimate is that at a minimum the \$800,000 grant was matched; however, that does not include the total in-kind contribution of those engaged in the project. The consultants devoted a minimum of a \$1 for \$1 and as high as five times the amount paid. A conservative estimate of the total time the more than 600 consortium members engaged in this project is 6,868 hours (an average of 11 hours per person). Independent Sector and Police Volunteers estimate the value for volunteer time is \$21.79 per hour. This means that consortium members contributed an additional \$149,654. [*Coming Soon*].

Appendix K: Sample Presentations, Publications & Press Releases.

Region V OSHC Grantee Symposium

http://www.resilientregion.org/cms/files/Region%20V%20OSHC%20Grantee%20Sustai nability%20Symposium.pdf

2012 Small Town Symposium Community-driven, University-assisted, Partnership: Working Together to Build Sustainable Communities http://www.resilientregion.org/cms/files/Small%20Town%20Symposium%20vF.pdf

Northwest Area Foundation Grassroots and Groundwork Presentation NWAF Presentation <u>http://www.resilientregion.org/cms/files/NWAF%20Presentation%20vF.pdf</u>

Publication: Efficiency at Brainerd Regional Airport http://brainerddispatch.com/news/2012-05-16/airport-marks-solar-installation-alternativeenergy

Press Release: Funding to Connect State Trails, <u>http://www.resilientregion.org/cms/files/Press%20Release-</u> Funding%20Received%20to%20Connect%20State%20Trails.pdf

Press Release: Healthy Lakes Healthy Economy, <u>http://www.resilientregion.org/cms/files/Press%20Release-</u> Healthy%20Lakes%20Equals%20a%20Healthy%20Economy.pdf

Press Release: Todd County Food Processing Business Plan http://www.resilientregion.org/cms/files/Press%20Release-Todd%20County%20Food%20Processing%20Facility,%20Business%20Plan%20Develo ped.pdf

Press Release: Celebrate the Completion of the Plan http://www.resilientregion.org/cms/files/Press%20Release-Celebrate%20the%20Completion%20of%20the%20Resilient%20Region%20Plan.pdf Annotated Index of Support Resources