**2020 Category A City: SAINT PAUL**

Currently a Step 5 GreenStep City as of June 2019

(joined 6/18/14)

***Assessor and date****: Philipp Muessig, 3/16/20*

**20**

***Total BPs done:***

|  |  |  |
| --- | --- | --- |
| Best practices (**req. for Step 3 in bold**) BP implemented? Action summary by # and star level achieved  Action rules (**req. actions in** **bold**)  **YES** | | |
| **BUILDINGS: distribution requirement is 2 BPs ; are 2 BPs done?** | | |
| **1. Public**  **Actions 1 & 2; & one action from actions 3-7** | **YES** | 1.1 COMPLETE @ 1 STAR – working with Xcel to download energy data from 2006 into the City's Archibus database, then directly transfer to the B3 database  1.2 COMPLETE @ 3 STARS – campaign with City staff on turning off monitors, lights, and closing window blinds  1.3 COMPLETE @ 2 STARS -- 2009: Over 100 energy efficiency projects in 60 municipal facilities, reducing its energy use by 30%; most have a projected payback period under 5 years; case study for parking ramps  1.4 COMPLETE @ 3 STARS – VendingMisers (16 mo. payback); office computer power mgt. systems  1.5 COMPLETE @ 2 STARS -- Sustainable Saint Paul Building Policy  1.6 COMPLETE @ 2 STARS – buildings required under the policy to monitor actual energy use for 10 years  1.7 COMPLETE @ 3 STARS |
| 2. Private  any two actions | **YES** | 2.1 COMPLETE @ 3 STARS -- Energy Smart Homes (revolving loans) funded now by City; energy audits at a reduced price for Xcel customers  2.4 COMPLETE @ 3 STARS -- RiverCentre solar hot water system, etc.  2.5 COMPLETE @ 2 STARS - great examples of private sector actions to conserve water  2.7 COMPLETE @ 2 STARS -- sustainable development policies for public & private buildings receiving $200,000+ in public financing |
| 3. New  action 1 or 2; one from 3-5 | **YES** | 3.1 COMPLETE @ 2 STARS -- Sustainable Building Policy applies to all new City-owned buildings  3.3 COMPLETE @ 3 STARS -- Building Policy for all projects receiving $200,000+ in public funds  3.4 COMPLETE @ 2 STARS -- Technical assistance from City staff is available for green building |
| 4. Lighting/Signals  2 actions with one from 5-8 | **YES** | 4.1 COMPLETE @ 1 STAR -- mostly installing LED fixtures but have not adopted this as policy  4.2 COMPLETE @ 2 STARS  4.3 COMPLETE @ 1 STAR -- utility has recently offered rebate incentives for LED streetlight change-outs  4.4 COMPLETE @ 2 STARS  4.5 COMPLETE @ 2 STARS -- 50% of parking meters are solar-powered  4.6 [should be listed under 4.7] COMPLETE @ 1 STAR -- RiverCentre ramps: automatic dimming lighting  4.8 COMPLETE @ 3 STARS |
| 5. Reuse  any one action |  |  |
| **YES**  **LAND USE: 2 BPs required; are 2 BPs done?** | | |
| **6. Comp Plan**  **Actions 1 & 2** | **YES** | 6.1 COMPLETE @ 1 STAR -- 2010  6.2 COMPLETE @ 2 STARS  6.3 COMPLETE @ 1 STAR  6.4 COMPLETE @ 2 STARS  6.5 COMPLETE @ 1 STAR |
| 7. Density  any one action | **YES** | 7.1 COMPLETE @ 2 STARS – R3 single family up to 7.2 units/acre; higher density multi-family residential and mixed use districts |
| 8. Mixed Uses  any two actions |  |  |
| 9. Highway Development  any one action |  |  |
| 10. Conservation Development  any one action |  | **YES** |
| **TRANSPORTATION: 2 BPs required; are 2 BPs done?** | | |
| **11. Complete Green Streets**  **1; & two additional actions** | **YES** | 11.1 COMPLETE @ 3 STARS – draft Street Design Manual for implementing adopted complete streets policies  11.3 COMPLETE @ 3 STARS – Green Line stormwater planters, rain gardens, infiltration trenches built under curbs and boulevards  11.4 COMPLETE @ 3 STARS -- 8-80 Vitality Fund & draft Bike Plan  11.5 COMPLETE @ 2 STARS – downtown bike loop, Grand Rounds funding  11.6 COMPLETE @ 2 STARS -- bump outs, boulevard trees; intersection marking, medians, curvier roads; and stripping crosswalks. |
| **12. Mobility Options**  **any two actions** | **YES** | 12.1 COMPLETE @ 2 STARS – Neighborhood Bike Rack program; St. Paul Smart Trips to promote alternative commuting options  12.2 COMPLETE @ 1 STAR  12.3 COMPLETE @ 2 STARS  12.4 COMPLETE @ 2 STARS  12.5 COMPLETE @ 1 STAR – City telework policy in place  12.6 COMPLETE @ 3 STARS -- Car2Go, HOURCAR, NiceRide |
| 13. Fleets  any two actions | **YES** | 13.1 COMPLETE @ 1 STARS  13.2 COMPLETE @ 2 STARS  13.3 COMPLETE @ 2 STARS  13.4 COMPLETE @ 2 STARS  13.5 COMPLETE @ 3 STARS -- 66 school propane buses; 60% fewer CO emissions  13.6 COMPLETE @ 2 STARS |
| 14. TOD / TDM  any two actions |  | **YES** |
| **ENVIRON MGT: 4 BPs required; are 4 done?** | | |
| **15. Purchasing**  **1; and one additional action** | **YES** | 15.1 COMPLETE @ 1 STAR -- 30% paper when practicable; leased computers Energy Star; laptops are EPEAT™ Gold (US only), ENERGY STAR® 6.1, GREENGUARD®, and RoHS-compliant.  15.7 COMPLETE @ 2 STARS -- Council is paperless; all events held at public facilities in Saint Paul are required by Ordinance to have recycling and are encouraged to collect organics for recycling |
| **16. Trees**  **any two actions** | **YES** | 16.1 COMPLETE @ 2 STARS – 33 yrs.; planting budget over $300,000/yr.  16.2 COMPLETE @ 2 STARS -- gravel bed tree stock, growth tubes, structural soil, tree trenches  16.3 COMPLETE @ 2 STARS -- canopy cover in 2010: 32.5%  16.4 COMPLETE @ 2 STARS -- Street and Park Tree Master Plan  16.5 COMPLETE @ 2 STARS – One Tree Preservation Overlay District  16.6 COMPLETE @ 2 STARS -- employees assist neighbors where canopy has been deficient, e.g., in Frog Town, "Tree Frogs" |
| **17. Stormwater**  **any one action** | **YES** | 17.1 2014: MIDS under consideration  17.2 COMPLETE @ 3 STARS – on 2010 leaderboard  17.3 COMPLETE @ 2 STARS -- City has a rate control standard limits discharge to 1.64 cfs per acre for sites over one-fourth acre  17.4 COMPLETE @ 1 STAR - it appears the stormwater fee is a flat rate only  17.5 COMPLETE @ 1 STAR -- Conservation District provides rain garden design assistance  17.6 a regulatory requirement so no longer a GreenStep action |
| 18. Parks & Trails  any three actions | **YES** | 18.1 COMPLETE @ 2 STARS  18.2 COMPLETE @ 3 STARS – incl. Ford site  18.3 COMPLETE @ 3 STARS – 14 acres/1000 residents  18.4 COMPLETE @ 2 STARS  18.5 COMPLETE @ 2 STARS – lo-mow grasss, recycling  18.7 COMPLETE @ 3 STARS – 3 sites use the state's B3 GB guidelines  18.8 COMPLETE @ 2 STARS -- EcoSteward volunteers will adopt natural areas to help with habitat restoration |
| 19. Surface Water  if state public water: 4; and one additional action  if no state water: any one action | **YES** | 19.2 COMPLETE @ 1 STAR -- Comprehensive Plan Water Chapter has public education as one of its four purposes; City also has a Water Resource Working Group  19.3 COMPLETE @ 1 STAR -- LMRWMO WRAPS project, includes extensive stakeholder involvement  19.4 COMPLETE @ 1 STAR  19.5 COMPLETE @ 2 STARS – multiple shoreland revegetations  19.6 COMPLETE @ 1 STAR |
| 20. Water / Wastewater  1 & 2; and one additional | **NO** | 20.3 COMPLETE @ 1 STAR  20.6 COMPLETE @ 1 STAR |
| 21. Septics  any one action | **YES** | 21.4 COMPLETE @ 1 STAR |
| 22. Solid Waste  1 or 2; & one from 4-8 | **YES** | 22.1 COMPLETE @ 2 STARS -- residential waste diversion goal of: • 35% by 2016 • 50% by 2020, • 65% by 2025, and • 80% by 2030  22.2 this action has changed to challenge cities to address concerns over consumer products and packaging  22.3 COMPLETE @ 1 STAR  22.4 COMPLETE @ 1 STAR  22.5 COMPLETE @ 1 STAR -- source-separated organics @ 4 yard waste sites  22.6 COMPLETE @ 2 STARS -- multi-unit residential recycling collection  22.7 COMPLETE @ 1 STAR -- volume-based rates must be offered and shall differ significantly  22.8 COMPLETE @ 1 STAR -- requirements for construction or demolition waste management and disposaL |
| 23. Local Air Quality  any two actions  **YES** |  |  |
| **ECON & COMM DVLP: 3 BPs required; are 3 done?** | | |
| **24. Benchmarks & Involvement**  **Actions 1 & 2** | **YES** | 24.1 COMPLETE @ 2 STARS -- Sustainable Saint Paul staff team meets monthly (incl. Mayor’s Office, PED, OT& Communications, PW, Financial Services, Parks & Rec, Safety & Inspections); quarterly sustainability newsletter (Sustainable Saint Paul Briefings); link to GS page on Sustainable St. Paull web page  24.2 COMPLETE @ 1 STAR -- Comprehensive Annual Financial Report & annual departmental reports |
| **25. Green Businesses**  **any two actions** | **YES** | 25.2 COMPLETE @ 1 STAR – links to business assistance resources on its Sustainable Saint Paul website  25.5 COMPLETE @ 3 STARS – redeveloping Ford site will be a livable, mixed use neighborhood that looks to the future with clean technologies and high quality design for energy, buildings and infrastructure. This site will support walking, biking and transit, and provide services, jobs and activities; 2011 report entitled “Roadmap to Sustainability” includes recommended performance thresholds for site redevelopment, inspiring policy makers and developers to make this site a national model for sustainable brown-field redevelopment |
| 26. Renewable Energy  any two actions |  |  |
| 27. Local Food  any one action | **YES** | 27.2 COMPLETE @ 3 STARS -- PHA will install gardens at any of the 20 sites where residents request it  27.3 COMPLETE @ 2 STARS – impressive list of local food activities! |
| 28. Business Synergies  action 2, 3 or 4 |  |  |
| **29. Climate Adaptation**  **action 1** | **YES** | 29.1 COMPLETE @ 2 STARS -- City has All-Hazard Mitigation Plan, developed in concert with the county, state, businesses, citizens  29.2 COMPLETE @ 1 STAR -- "Strategic Framework for Community Resiliency “ will inform the city's Climate Action and Resiliency Plan  29.6 COMPLETE @ 2 STARS -- roadside restoration (resilient trees, shrubs, pollinator perennials) along I-35E sound barrier |

**ST. PAUL –** notable actions

* **2017 MN Local Government Innovation Award Winner** for equity strategic action planning for neighborhoods.
* **Redeveloping Ford site will be a walkable, mixed use neighborhood** that looks to the future with clean technologies and high quality design for energy, buildings and infrastructure; 2011 “Roadmap to Sustainability” performance thresholds aim to make site a national model for sustainable brownfield redevelopment
* **1.1 MW solar thermal system** installed with city help at theRiverCentre convention hallto augment hot water from District Energy St. Paul serving downtown buildings
* ***Street Design Manual*** for implementing adopted complete streets policy
* **30% energy use reduction** since 2009 from over 100 energy efficiency projects in 60 city facilities; most have a projected payback period under 5 yrs.
* **Public Housing Authority** will install community vegetable gardens at any of its 20 sites when requested by residents
* **50% of city parking meters** are solar-powered
* **8-80 Vitality Fund**; adopted Bike Plan; bike rack program; city telework policy; NiceRide bike-sharing; Car2Go & HourCar licensed car-sharing
* **60% fewer CO emissions** from 66 propane school buses
* **33% tree canopy cover** in 2010
* **Green development: $525,710,597 & 2,744,746 sq. ft.** in 40 private & public developments built through 2016 under the city’s Sustainable Building Policy, which governs private projects receiving $200,00 or more in city funds; projects built to SB2030 (on the path to net-zero) energy targets, divert 75% construction waste from landfills, mimic pre-settlement stormwater infiltration rates, receive approval by 1 of 6 3rd-party green building programs
* **MN Bird City** status as of 2016