



## Sustainability Policy for Operations and Management





### **Sustainability Procedures & Plan** Components



**Energy and Greenhouse Gases** 



Water



Solid and Hazardous Waste



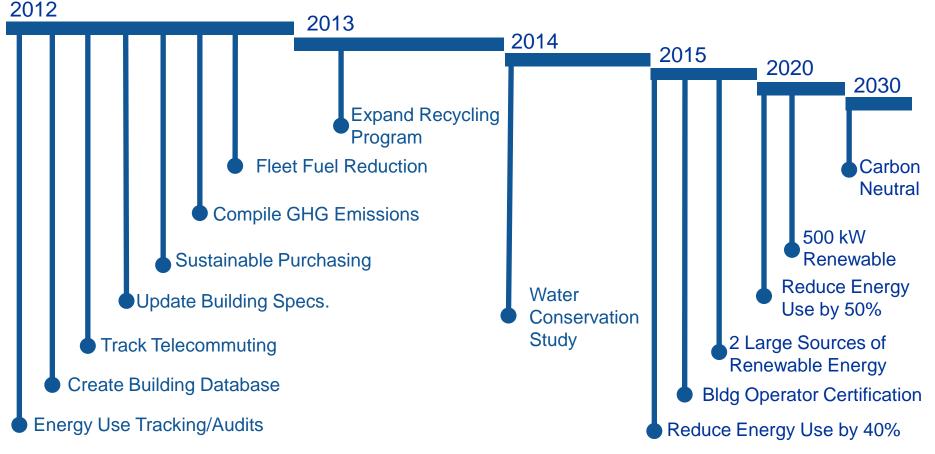


Fleet 













# **Case Study – Energy Reduction<sup>4</sup>**

#### Focusing on Reducing Purchased Energy from 2008 - Present

- Initiated 2007 by Engineering and Facilities
- Worked with Xcel to gain insight into potential solutions
- Energy audits targeting 6 major support facilities
- Management support for program
- Created implementation team from Engineering and Facilities
- Designed department wide <u>Employee Sustainable Awareness</u> presentation
- Divided and assigned tasks to specific parties
- Created reference database to store existing support information and current energy and water use data





## Next Steps – Energy and Water

Mark Fuhrmann

Marilyn Porter

**Bruce Fenlason** 

**Bill Gustovson** 

Christy Bailey

Bruce Howard

AJ Olson

John Paul Zanaska

Mike Conlon

Jan Homan

| Transit Systems Development | Mark Fuhrmann     |  |  |  |  |
|-----------------------------|-------------------|--|--|--|--|
| Engineering and Facilities  | Marilyn Porter    |  |  |  |  |
| Safety                      | Mike Conlon       |  |  |  |  |
| Bus Maintenance             | Jan Homan         |  |  |  |  |
| Rail Operations             | Bruce Fenlason    |  |  |  |  |
| Northstar Commuter Rail     | John Paul Zanaska |  |  |  |  |
| Information Technology      | Bill Gustovson    |  |  |  |  |
| Police                      | AJ Olson          |  |  |  |  |
| Bus Operations              | Christy Bailey    |  |  |  |  |
| Marketing                   | Bruce Howard      |  |  |  |  |

## Metropolitan Council

Task Number

Safety

Police

**Transit Systems Development** 

**Engineering and Facilities** 

Northstar Commuter Rail

Information Technology

**Bus Maintenance** 

**Rail Operations** 

**Bus Operations** 

Marketing

Task Number

5





01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

16 17 18 19 20 21 22







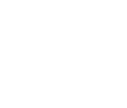
## Next Steps – Hazardous Waste and Fleet

| Marilyn Porter    |  |  |   |  |   |  |   |  |  |  |
|-------------------|--|--|---|--|---|--|---|--|--|--|
|                   |  |  |   |  |   |  |   |  |  |  |
| Mike Conlon       |  |  |   |  |   |  |   |  |  |  |
| Jan Homan         |  |  |   |  |   |  |   |  |  |  |
| Bruce Fenlason    |  |  |   |  |   |  |   |  |  |  |
| John Paul Zanaska |  |  |   |  |   |  |   |  |  |  |
| Bill Gustovson    |  |  |   |  |   |  |   |  |  |  |
| AJ Olson          |  |  |   |  |   |  |   |  |  |  |
| Christy Bailey    |  |  |   |  |   |  |   |  |  |  |
| Bruce Howard      |  |  |   |  |   |  |   |  |  |  |
|                   | 33   | 34   | 35  | 36   | 37  | 38   | 39  |  |  |  |
| Mark Fuhrmann     |  |  |   |  |   |  |   |  |  |  |
|                   | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 35 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 35 36 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 35 36 37 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 35 36 37 38 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 35 36 37 38 39 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 35 36 37 38 39 | Jan Homan<br>Bruce Fenlason<br>John Paul Zanaska<br>Bill Gustovson<br>AJ Olson<br>Christy Bailey<br>Bruce Howard<br>33 34 35 36 37 38 39 |





Task Number







HAZARDOUS WASTE

6



#### 23 24 25 26 27 28 29 30 31 32

#### **Executive Order 11-13**

Strengthening State Agency Environmental, Energy, and Transportation Sustainability

- April 8, 2011 Requires state agencies to develop sustainability plan and strongly recommends the Metropolitan Council develop one as well.
- February 22, 2012 Plan Approved by Board March 1, 2012 - Plan submitted to MPCA
- August 1, 2012 Individual Action Plan to be submitted
- August 1, 2013 Updates to be submitted to the MPCA annually with improvements.





## **Questions?**





