# ECOTEMP

GREENWIND



## **LOCATIONS** Research & Development Edmonton Alberta Windsor & Tecumseh Ontario **Bloomfield Hills**

Huntsville Alabama

## Manufacturing

Windsor ON Canada

Tecumseh ON Canada

Corporate Office

Edmonton AB Canada

## Sales

Bloomfield Hills Mi Huntsville Alabama Graz Austria



## **FACILITIES**

#### **About Us**

EcoTEMP is a privately held Canadian minority company with its headquarters in Edmonton AB Canada.

Our primary R&D and manufacturing facilities are located in Windsor and Tecumseh Ontario, Canada's automotive capital.





## **HISTORY**

#### Our success

In 1992, we began with our unique approach to satellite de-icing systems. Since then, we have continued our innovation into the automotive, pipeline, and today, the renewable energy market. Since the start in 1992, EcoTEMP has been rapidly growing to develop new technologies to solve existing challenges in today's market.

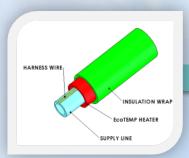


Satellite

De-icina



Automotive Seat Heat



SCR Emissions Reduction



Renewable Energy De-icing

Founded to commercialize revolutionary Radiant Thermal Sheet (RTS) technology

First RV tank warming installation Application of RTS technology to automotive seat heating begins

Opened European Sales & Engineering Office Millions of auto seat heating components produced for N.A. & Europe

Start of Renewable energy project

1992

1994

1996

1998

2000

2002

2004

2006

2008

2010

First satellite antenna de-icing and petro-chemical tank warming installations First pipe heat tracing installation

Proprietary manufacturing system developed

SCR system design and development

EcoTEMP 15<sup>th</sup> anniversary



## **CUSTOMER / SUPPLIER RELATIONSHIPS**

























































## UNIQUE TECHNOLOGY

#### Radiant Thermal Sheet™ (RTS) Technology

#### Recognized technology

•The conductive film in our RTS technology was developed with fortune 500 companies and is made with EcoTEMP's patented proprietary manufacturing process.

#### **Uniform heating**

•RTS heaters provide evenly distributed radiant heat, and a high level of reliability and performance. If any part of the material is cut or punctured, the heater will remain operational.

#### **Power Usage**

- •Power requirements are considerably less than current technologies.
- •Numerous voltage capabilities ranging from 6 to 690+ volts

#### **Environmentally friendly**

 Along with it's low power consumption, RTS technology emits no gasses.

#### Ease of installation

•Installation of our heaters uses a simplified 'Peel and Stick' process.

#### **Next Step**

•Continuous improvement, third generation of RTS\*\*\* PTC now in development.



## SATELLITE



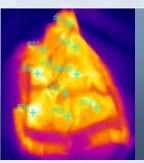
#### **Keeping Communications Alive**

EcoTEMP began in 1992 with its unique approach to satellite de-icing systems. Our revolutionary Radiant Thermal Sheet™ (RTS) technology has allowed communications to remain alive in some of the world's most inhospitable locations. To date, all 200 of our systems worldwide remain operational with a zero failure rate after 18 years, an accomplishment rarely achieved in the industry.



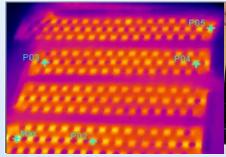
## **AUTOMOTIVE**





#### **Durability**

Completely folded and wrinkled yet maintains normal heating functions.





#### Reliability

Undamaged areas will function to design specifications if torn or cut. 178 holes 7mm in diameter – maintains even heat.







#### Longevity

7.2 million+ durability cycles and remains operational.



Defying All Challenges



COMMUNICATION-COMMUNICATION

#### **Defying All Challenges**

















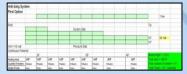




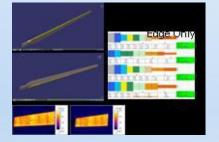






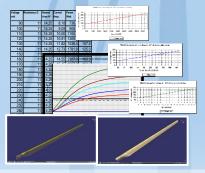














#### Defying All Challenges

Hands on development from design to installation.



Continuous Improvement, Third Generation of RTS now in Development

#### **Moving forward**

EcoTEMP has ongoing research and development with fortune 500 companies among others that include;

















## **TECHNOLOGY**

Looking to the Future



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# THANK YOU



## **CONTACT INFORMATION**

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