



EDMONTON PUBLIC SCHOOLS

Collaborative Project Delivery for School Energy Retrofits Edmonton Public Schools

Terri Gosine

Integrated Infrastructure Services
Edmonton Public Schools



EDMONTON PUBLIC SCHOOLS



Edmonton Public Schools

Public School Division Serving over 120,000 students in the Edmonton Area

215 Operational School Buildings

Integrated Infrastructure Services - “Cradle to Grave”

Project Priorities and Decision Making



Enrollment Pressure / Student Accommodation



Energy / Environmental (Carbon Footprint Reduction)



Reduction of Deferred Maintenance

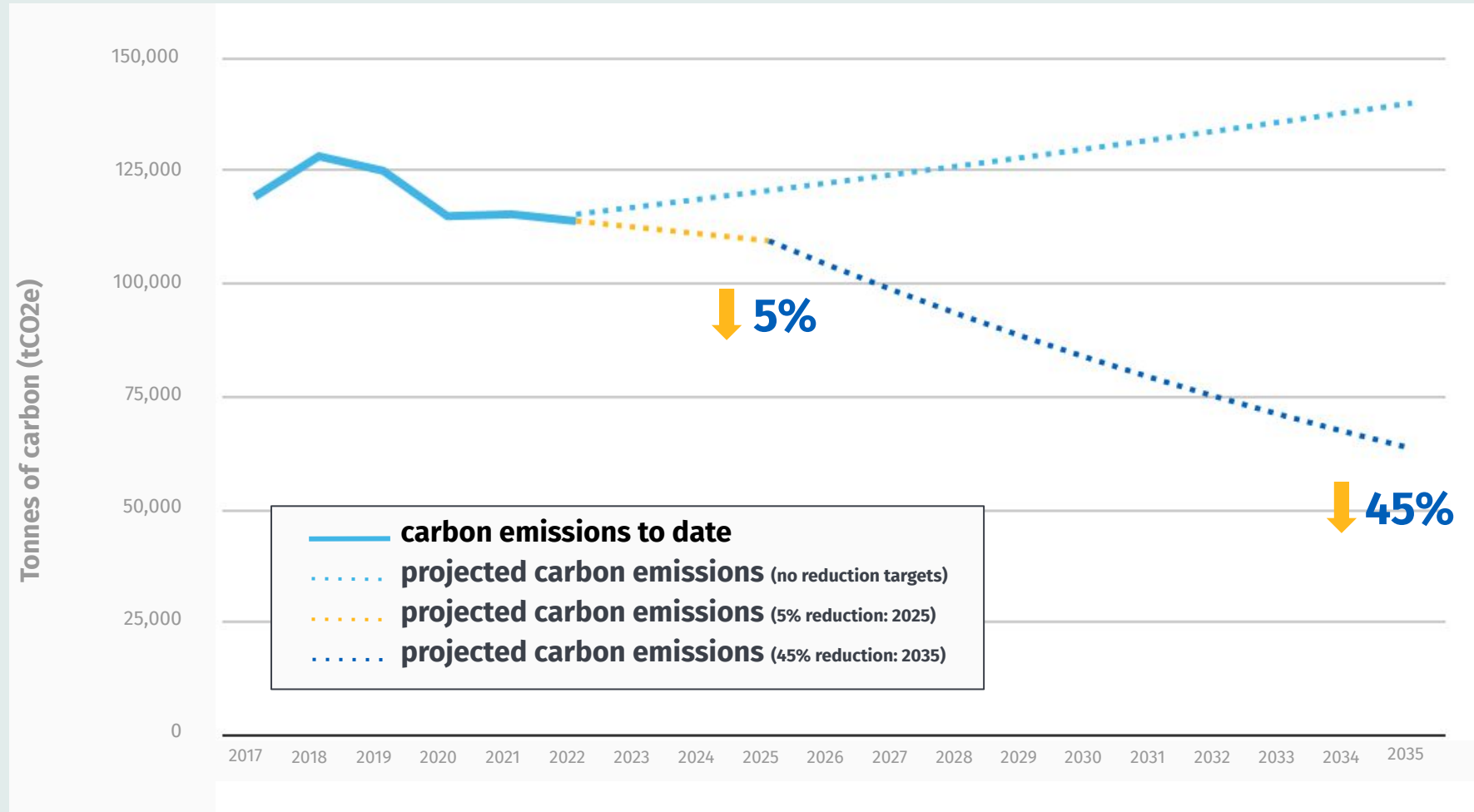


Improved Learning Environments



EDMONTON PUBLIC SCHOOLS

Targets: Reducing our Carbon Footprint

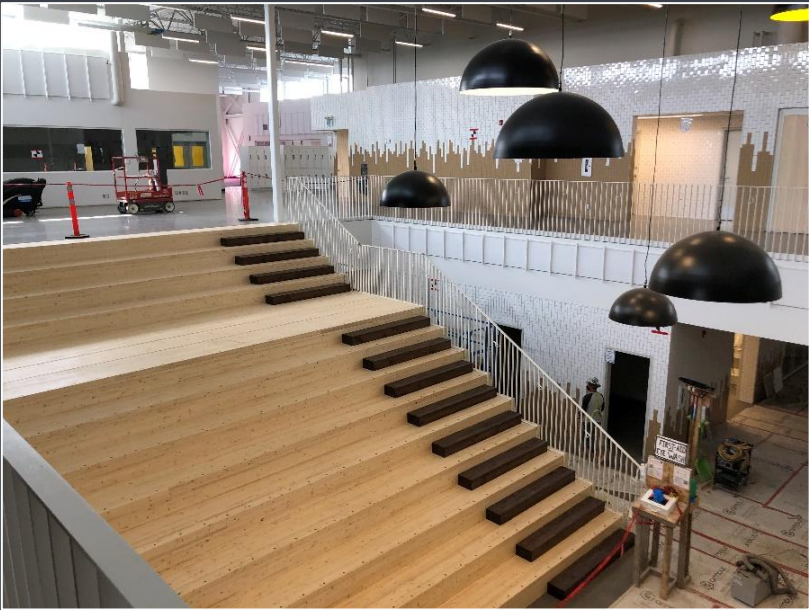


Why IPD?



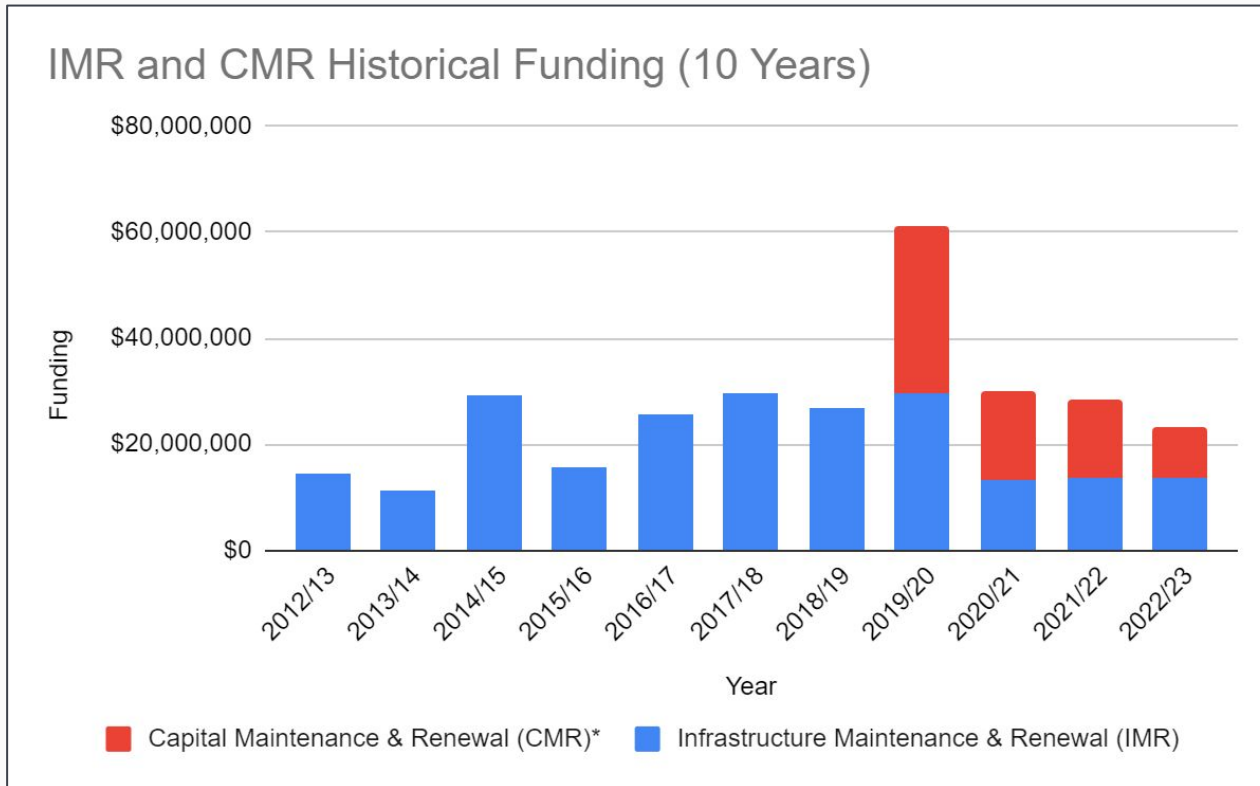
Why NOT?





EDMONTON PUBLIC SCHOOLS

Aging Infrastructure + Limited Budget & Schedule = Opportunity!!



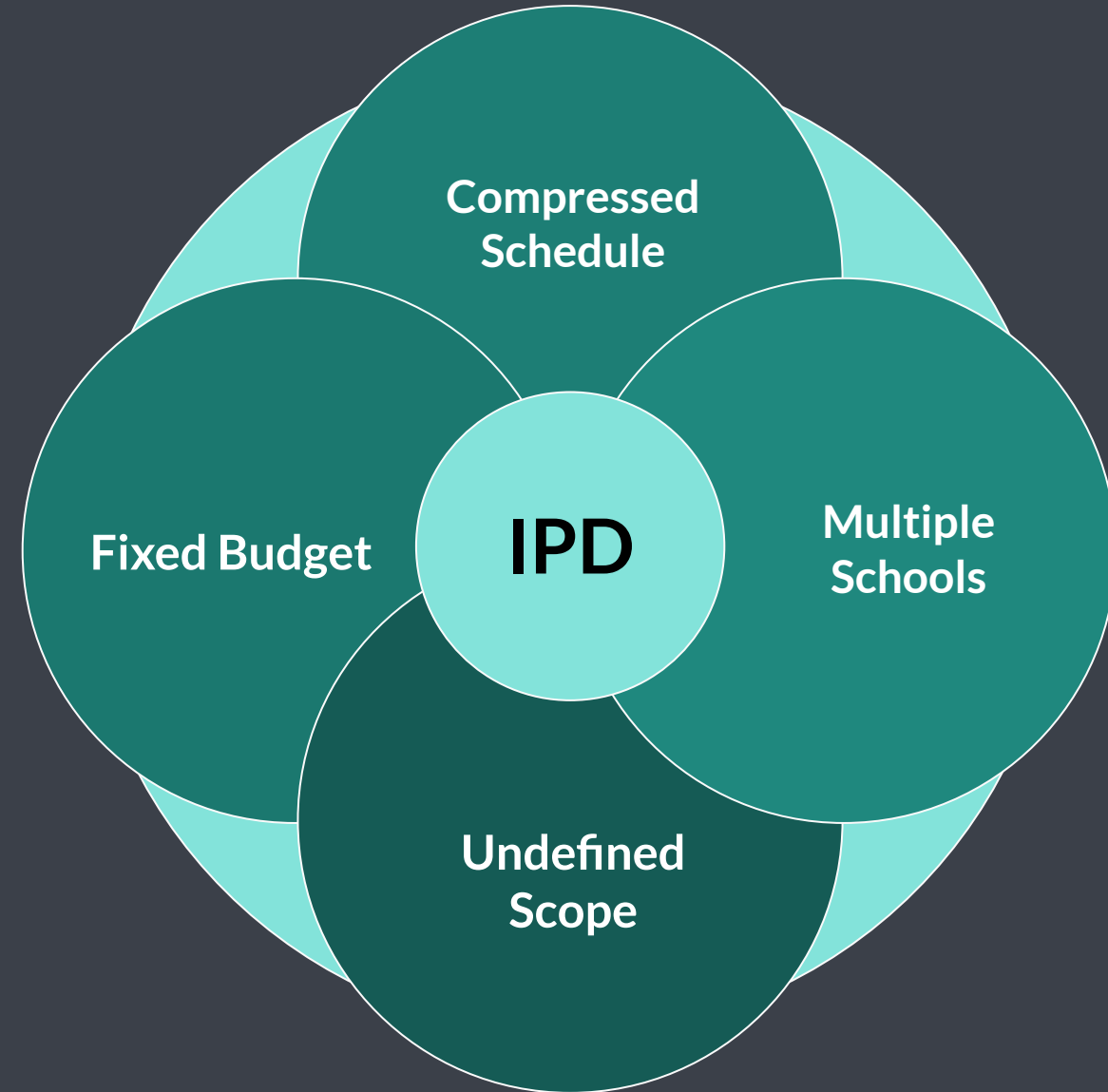
Total Deferred Maintenance

\$888M

\$703/sqm \$8,442/student



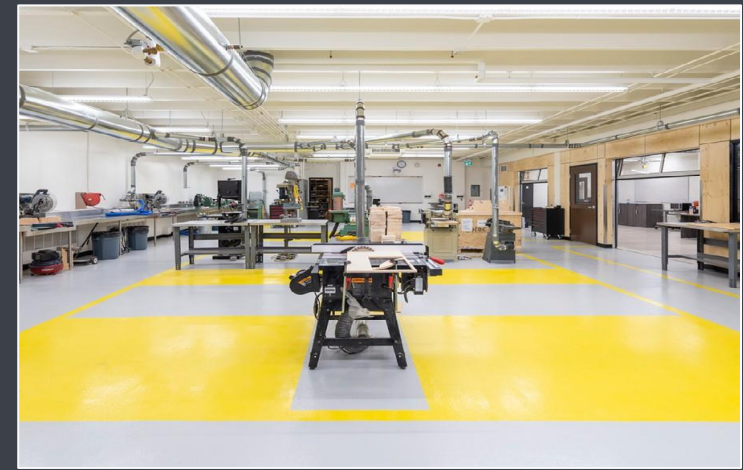
Why not try IPD?



One Success....

2020 IPD

- 13 Schools
- \$5,848,000 Budget
- Scopes Included:
 - Millwork Replacement
 - Flooring
 - Exterior Building Upgrades
 - Electrical Upgrades
 - Lighting Upgrades
 - Functional Program Upgrades
- On Schedule
- On Budget



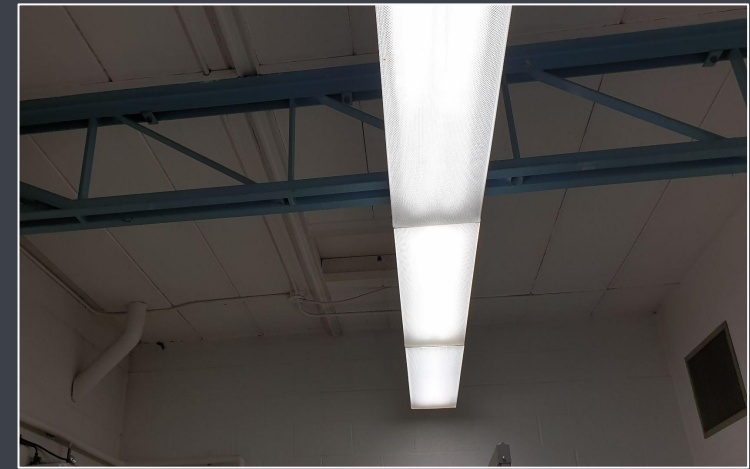
...to Many Successes!

2021-2022 IPD Team 1

- **11 Schools**
- **\$5,125,000 Budget**
- Scopes Included:
 - Millwork Replacement
 - Flooring
 - Acoustic Treatment
 - Mechanical Ventilation Upgrades
 - Electrical Upgrades
 - Lighting Upgrades
 - Functional Program Upgrades
- **On Schedule**
- **On Budget**

2021-2022 IPD Team 2

- **12 Schools**
- **\$6,125,000 Budget**
- Scopes Included:
 - Millwork Replacement
 - Flooring
 - Acoustic Treatment
 - Mechanical Ventilation Upgrades
 - Electrical Upgrades
 - Lighting Upgrades
 - Functional Program Upgrades
- **On Schedule**
- **On Budget**



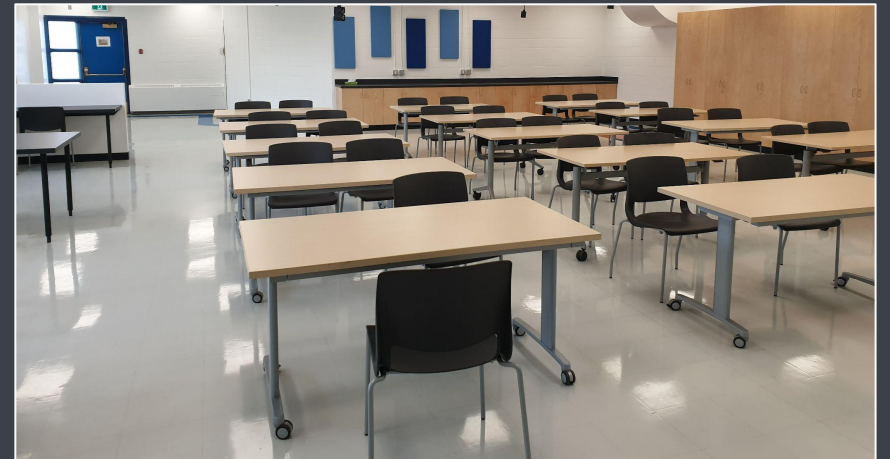
Continued IPD Work

2022-2023 IPD Team 1

- **13 Schools**
- **\$7,501,100 Budget**
- Scopes Included
 - Millwork
 - Exterior Building Upgrade
 - Mechanical Boiler System Replacement
 - Lighting Upgrades
 - Functional Upgrades
- **On Schedule**
- **On Budget**

2022-2023 IPD Team 2

- **16 Schools**
- **\$7,038,500 Budget**
- Scopes Included
 - Millwork
 - Flooring
 - Acoustic Upgrades
 - Mechanical Boiler System Replacement
 - Functional Program Upgrades
 - Washroom Upgrades
 - Exterior Building Upgrades
- **On Schedule**
- **On Budget**





SOLAR

- 12 Schools
- **\$6,000,000 Budget**
- Scope Included:
 - The addition of solar panels
 - 2 MDP replacements
- On Schedule
- On Budget
- Partners: Electrical Contractor, Electrical Consultant, & Structural Consultant



SUZUKI CHARTER SCHOOL

- **\$2.3 Million**
- Scope Included:
 - Mechanical Boiler Replacement
 - Gym Floor Replacement
 - Ceiling and Lighting Upgrade
 - Front Entrance Refresh
- On Schedule
- On Budget



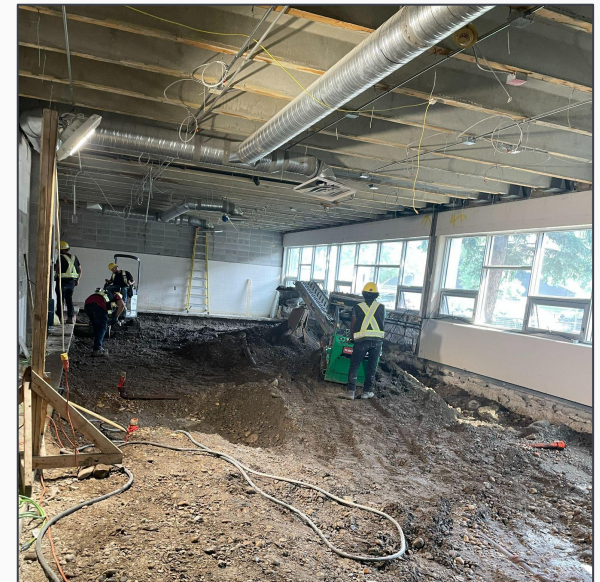
Still going...

Historical Building Roof Replacement

- Designated Historical Building
- Roof Replacement (including skylight replacement)
- \$2,300,000 Budget
- On Schedule
- On Budget

Jasper Place Structural

- \$2,950,000 Budget
- Structural Repairs to main floor classrooms
- Work proceeding while school is over 100% occupied





Success in many ways



THANK YOU

Terri Gosine

Integrated Infrastructure Services
Edmonton Public Schools

terri.gosine@epsb.ca