



ENERGY SAVE NEW WEST:

Program Update

Prepared by:

Ryan Coleman, Program Coordinator, Energy Save New West Steven Faltas, Business Process Manager, Electric Utility Nayel Halim, Community Energy & Emissions Specialist, Climate Action

Prepared for:

Environment and Climate Advisory Committee

January 19th, 2022



Business

Existing Homes

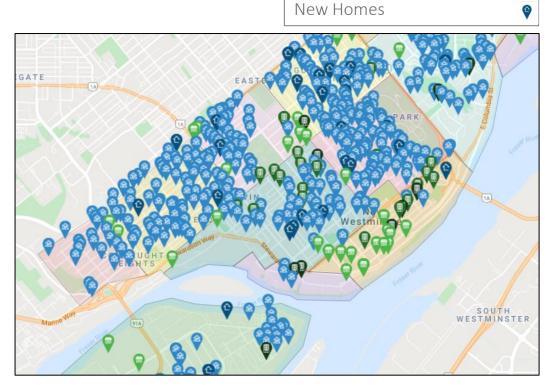
Multi-Unit Residential

Multi-Unit Residential Strata

AGENDA

1. Energy Save New West

- 2021 Program Evolution & Enhancements
- ESNW Achievements and Analytics
- ESNW in 2022
- 2. Questions & Discussion





2021 PROGRAM EVOLUTION & ENHANCEMENTS



EQUITY & INCLUSION

Program Augmentation & Enhanced Language Support

- ✓ Empower Me
- ESNW Website Multi-Language
 Support



City Collaboration & Program Integration

- ✓ Heat Pump Pilot with CEA
- ✓ Proposed Step Code Adoption
- ✓ CleanBC Better Homes
- ✓ Canada Greener Homes Grant
- ✓ NRCan Video / Case Study



Maximizing Opportunity

- Proactive Marketing & Enhanced
 Communications
- ✓ Workshops / Knowledge-Sharing
- ✓ New Pilot Program Properate
- ✓ Asset Development



ENHANCED MARKETING & COMMUNICATIONS

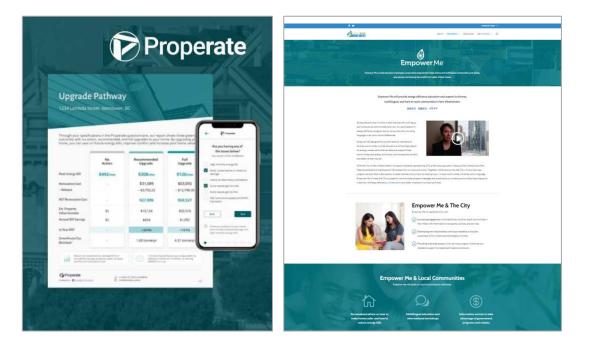
- ✓ More Frequent and Easier Communications
 - City's Social Media Channels
 - Multi-language Support
 - E-News Updates (e.g. Survey /Webinar Reminders)
 - Program Infosheet (Available in English, Mandarin, Cantonese, Punjabi)
- ✓ Asset Development for Better Engagement
 - Photos of Local Homes and Streets
 - Redesign of Touchpoint Materials







ENHANCED MARKETING & COMMUNICATIONS



- ✓ ESNW Website Enhancement
 - New Program Webpage Empower Me
 - Further Website Review/ Enhancement in Progress
- ✓ New Pilot Program Properate
 - 19 Participants
- ✓ Heat Pump Webinar for Residents (Oct. 21)
 - Over 90 Registrants & 40+ Attendees



ESNW ANALYTICS - PARTICIPANTS

| | | 2021 (Jan. 1 – Dec. 31) | 2020 (Jan. 1 – Dec. 31) | | ter Open Rate |
|---|-----------------------|--|-----------------------------------|------|----------------|
| Existing Homes Program Registrations | | 165 | 50 | 47% | 37.5% |
| New High-Performance Home Construction | | 8 (Requirements changed in 2021) | 10 | | |
| e-News | Existing Homes | 852 | 754 | | Industry Peers |
| Subscribers | New Homes | 245 | 211 | ESNW | |
| Heat Pump Top-Ups | | 6 (4 in April – June) | 2 | | (Government) |



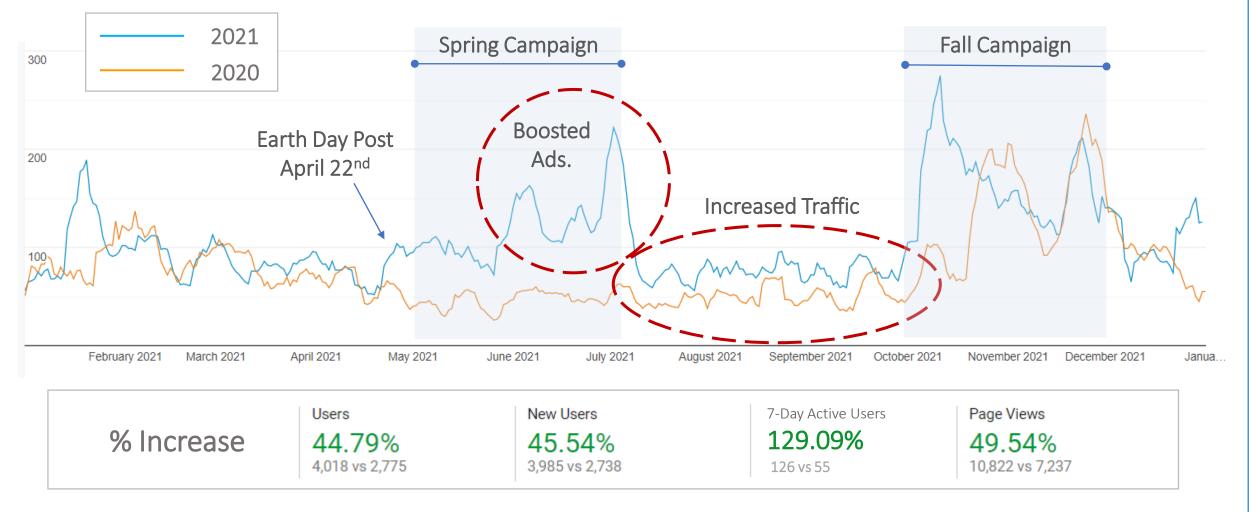
ESNW ANALYTICS - FACEBOOK/INSTAGRAM

| Post Date | Post Topic | Boosted (No. of Days Boosted) | Reach | Engage- ment | Link Clicks |
|----------------|--|----------------------------------|-------|-----------------|-------------|
| April 22, 2021 | Earth Day | Ν | N/A | N/A | N/A |
| May 7, 2021 | \$Free Pre-Retrofit Home Energy Assessment | N | N/A | N/A | <u>N/A</u> |
| May 15, 2021 | General Rebates Up To \$15,000 | N | 875 | 1 | N/A |
| May 22, 2021 | Climate Emergency | Y (5) | 3,938 | 248 | 23 |
| May 29, 2021 | Rebates – Multiple Measure Bonus | Y (5) | 3,409 | 120 | 23 |
| June 5, 2021 | Empower Me | Y (5) | 2,951 | 75 | 33 |
| June 12, 2021 | \$Free Pre-Retrofit Home Energy Assessment | Y (5) | 2,430 | 62 | 37 |
| June 19, 2021 | New Pilot Program – Properate | Y (5) | 2,134 | 74 | 20 |
| June 26, 2021 | Rebates – Heat Pump Top-Up | Y (5) | 4,663 | 227 | 99 |
| Aug. 16, 2021 | Empower Me Workshop (Greener Homes) | Y (4) | 7,111 | 96 | 85 |
| Oct. 5, 2021 | Fall Campaign | Y (12) | 7,278 | 262 | 243 |
| Oct. 18, 2021 | Free Heat Pump Webinar | Y (8) | 4,990 | 145 | 28 |
| Oct. 30, 2021 | Greener Homes / Solar Panel Rebate | Y (7) | 6,059 | 165 | 31 |



ESNW ANALYTICS - WEBSITE

7-Day Active Users (2021 vs. 2020)





EXISTING HOMES

- Enhanced Marketing/Communications
- Introduction of Empower Me Program
- Integration of New Federal Greener Homes Grant Program
- New Pilot Program: Pushing Up Savings in Heating (PUSH)





EMPOWER ME ACTIVITIES

Workshops and Events

- 10 workshops 100% target met
- 109 participants 106% target met
- 125% target met for community partner communications

Program Awareness / Marketing

- Social Media City Channels
- ESNW Media (e.g. blog, e-news)
- Local WeChat / Facebook

ESNW Empower Me Webpage

- Launched in June
- Available in Multi-Lingual Versions

| Empower Me | | | | | | | | |
|-------------------------------------|----|----|----|----|-------|------------------|----------|--|
| New Westminster | Q1 | Q2 | Q3 | Q4 | Total | Annual Target | % Target | Definition |
| Participants | 21 | 19 | 0 | 66 | 106 | 100 | 106% | Received 90 minutes of energe efficiency education including CNW education |
| Workshops | 2 | 2 | 0 | 6 | 10 | 10 | 100% | 90-minute online workshops |
| Community Partner Communications | 3 | 0 | 5 | 2 | 10 | 8 | 125% | CNW messaging shared with community organizations |

[Empower Me Activities]



'GREENER HOMES GRANT' PROGRAM INTEGRATION



Canada Greener Homes Grant

- Launched in late May
- ESNW supported through various marketing media. (e.g. blog post, enews, City's social media channels)



SMART THERMOSTAT OFFER & PUMPING UP SAVINGS IN HEATING



Smart Thermostat Offer with Mysa

- 100%+ target met
- Subsidies issued for 375 thermostats for electric baseboards & in-floor heating.



Pumping Up Savings in Heating (PUSH)

- One-stop solution for heat pump installation: To better support existing homeowners in fuelswitching by providing a more accessible and affordable pathway to electrification.
 - Proposed Implementation Spring 2022 (TBD)



ESNW IN 2022

More Enhancements Proposed:

- Rental Apartment Efficiency Program
- BCIT High Performance Program Subsidies
- Strata Energy Advisor w/ Metro Vancouver
- Homeowner Education/Workshops
- Smart Thermostats for Heat Pumps
- MyHEAT Further Discussions in Progress
- Website Further Enhancements





ESNW 2021 Year End Infographic

- Highlights notable achievements from 2021 and new initiatives for 2022.
- Shared through emails, e-news, blog post and social media post.

| E | XISTING HOMES | GE | ENERAL PROGRAM | HIGH PER | FORMANCE NEW HOMES |
|------------------------------------|--|---------------------|---|--|--|
| Total particip | ants in <u>e-News</u> subscribers | ور آبر (| Multi-language workshops hosted by Empower Me to support equity and inclusion of hard-to-reach communities in New West. | Total participa | |
| isting Homes pr 20 new addition | | 375 | Mysa smart thermostats sold during the Fall Campaign with total estimated annual energy saving of 44,250 to 70,500 kWh. | <u>New Homes</u> prog 8 new additions i | |
| 6 | Heat Pump Municipal Top-Ups issued. | 325+ | Total renewable energy generated to date by the Urban Solar Garden arrays located at the Queensborough Community Centre | 6 | High performance new homes completed construction in 2021. |
| <u>承</u> 90+ | Registrations at the <u>Considering</u> <u>a Heat Pump webinar</u> , hosted by the City and CleanBC to support enhanced electrification and decarbonization. | | & City Public Works Yard. New Resources Vebsite updated and new Infoaheet published with multi-lingual approach. New bigh | 1 250+ | Attendees to Virtual Builder & Designer Breakfast events in 2021. One (1) event hosted for New Westminster only and two (2) events hosted in collaboration with City of Richmond and City of Surrey. |
| F | Increased Awareness Promoting Greener Homes Grant and CleanBC Better Homes programs to support the federal and provincial energy efficiency programs. | f Ø | performance home case studies also added. Enhanced Communication Local residents' engagement significantly improved through utilization of City's social media channels: <u>Facebook</u> Instagram. and Twitter. | () 15% | Better energy performance achieved new homes built in New West compared to code-built homes. |
| Shireda | Properate Pilot Launched new pilot to provide a <u>Properate</u> <u>report</u> with details on costs and benefits of energy upgrades to complement EnerGuide evaluation report. | | Multi-Unit Residential Buildings New program 'Strata Energy Advisor' being designed in collaboration with Metro Vancouver. Rental Apartmet Efficiency Program outreach to be re-initiated for | î" | Mechanical HVAC Design Offer Assisted local builder participation in BC Hydro and FortisBC programs supporting best practices in mechanical HVAC sizing, installation and commissioning. |
| | Pumping Up Savings in Heating Supported program design for "one-stop-shop" 2022 pilot program from Community Energy Association designed to support heat pump retrofits for existing homeowners. | | high-rise apartments and hotels in 2022. Homeowner Education New pilot to be launched in 2022 to support homeowners through workshops and webinars. | 8 | Industry Training A new training program to be launched in 2022 that subsidizes BCIT high performance building courses to support industry development. |





QUESTIONS?



Thank You!

Ryan Coleman

| Project Coordinator |
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| Energy Save New West |
| rcoleman@newwestcity.ca |
| 604-515-3818 |

Steven Faltas

Business Process Manager, Electric Utility City of New Westminster <u>sfaltas@newwestcity.ca</u> 604-527-4535

Nayel Halim

Community Energy & Emissions Specialist City of New Westminster <u>nhalim@newwestcity.ca</u> 604-636-3549

