## Behavioural Insights for a Digital, Collaborative and Efficient Hybrid Workplace

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## **OCHRO's Research and Experimentation Team (RET)**



RET is composed of a mix of **researchers** including behavioural scientists, humancentred designers, policy experts, and HR professionals.



The team applies **interdisciplinary approaches** to generate and test holistic, measurable, and impactful solutions to people management challenges.



RET specializes in **people management** challenges across a variety of domains such as diversity and inclusion, the future of work, and health and wellness.

### **Executive Summary**

- This project was a collaboration between the Office of the Chief Human Resources Officer (OCHRO) Research & Experimentation Team and the Employment and Social Development Canada (ESDC) Digital Workplace Taskforce (DWT).
- We sought to apply behavioural insights (BI) to increase digital workplace behaviours that support collaboration and increased efficiency in the context of hybrid work.
- These behaviours included:
  - Attending digital skills learning events
  - Completing short digital skill-building exercises
  - Using SharePoint to collaboratively develop documents
  - Using the Harmon.ie Outlook add-on to support SharePoint collaboration

## Phase 1 | Increasing Attendance at Digital Skills Sessions

Application of Behavioural Insights to increase attendance at DWT's digital skills workshops in fall 2022

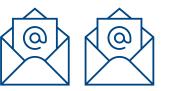
Short-term, "quick-win" project to test ways to encourage uptake of high-quality learning sessions Goal: to increase the number of attendees of DWT's Digital Booster course series in the Fall of 2022

**Project Scope** 

Behavioural Insight



**Predictive analytics** can estimate the likelihood of a person consuming a product based on the behaviours of similar people in the past Approach



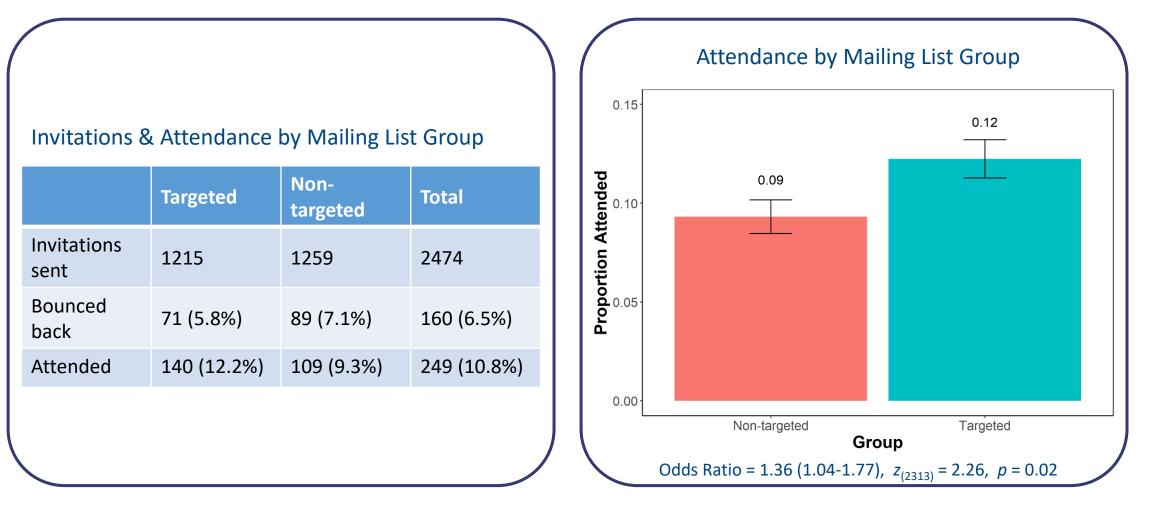
Created **employee profiles** based on region, classification, likelihood of attending event Constructed **two groups of mailing lists** 

2,474 randomly selected employees who never attended a Booster Session before were assigned to either:

- Targeted group: Consisted only of employees with profiles with the highest likelihood of attending
- Non-targeted group: Consisted of employees from every profile

## Phase 1 | Results

*The Targeted approach was >30% more effective than the Non-targeted approach at encouraging attendance.* 



## Phase 2 | Just-in-Time Tips to spur Digital Behaviours

Application of Behavioural Insights to optimize engagement with DWT's Leaders Challenge from January to March 2023.

Project Scope



**Goal:** to improve the adoption of digital workplace best practices and tools (e.g., using SharePoint to coauthor documents, installing Harmon.ie, time savings).



**Behavioural Insight** 

**Default appointments** that automatically block off time in a person's calendar have been shown to help people follow through with their plans. Approach



Leaders Challenge participants were asked to complete **weekly digital skill-building exercises**. Participants were randomly assigned to one of two groups.

The Leaders Challenge was open to all ESDC staff. About 80% of participants were employees, 17% were managers and 3% were executives. 1,388 Leaders Challenge participants were randomly assigned to either:

- Weekly Emails: Participants received 7 weekly emails with tips and short exercises to complete
- Weekly Emails + Calendar Invites: Participants also received weekly calendar invitations to complete the exercises

Both groups were sent a pre-trial and post-trial survey to measure changes in reported knowledge and uptake.

Another 262 non-attendees were sent a pre-trial and post-trial survey, to create a passive control group

## **Solution Spotlight | Default Appointments**

Treatment group received an Outlook invitation to book 15 mins to complete weekly exercises. These invitations were scheduled for Monday afternoons based on Microsoft data suggesting lower meeting density.

Rondina, Renante	🔍 No Response Required 📦 🚥
RR Required © Rondina, Renante	Wed 10/25/2023 1:30 PM
$ar{ar{ar{ar{ar{ar{ar{ar{ar{ar{$	
Occurs every Monday effective 2/6/2023 until 3/20/2023 from 1:00 PM to 1:15 PM	~
Monday, February 6	
1 PM Défi Booster numérique - Espace réservé pour compléter votre exercice de la semaine /	/ Digital Booster Challenge - Placeholder invitati 👧 🔺
Brianna / Renante geocoding; Microsoft Teams Meeting; Smrke, Brianna	
2 PM ESDC-Malatest touch point: Self-ID study; Microsoft Teams Meeting; Neha Khullar	Ð
3 PM French Training	
https://igc7.irdgportal.com/index	
** Please read all instructions below ***	
Hello,	
To help you complete the Digital Booster Challenge exercises, we are s	e, e ,
calendar appointment. Please accept this calendar appointment, then u each appointment to a time more convenient for you and click "OK" on	

We invite you to check the <u>Digital Booster Challenge app</u> to download your weekly prize (Teams background) awarded to you after completing each exercise and where you can also track your progress and view missing exercises.

Got questions? Drop-in every Wednesday between 1:00 to 1:30 pm EST (English session) or 2:30 to 3:00 pm EST (French session) to ask questions or for an exercise demo. The Drop-in Teams meeting links are provided in each Digital Booster Challenge exercise email.

Digital Workplace Taskforce

#### Meeting habits are changing

Meetings now start later on Mondays and finish earlier on Fridays, and there are fewer meetings at lunchtime. While 9-11 a.m. is the most used meeting time, 2-3 p.m. is rising in popularity.

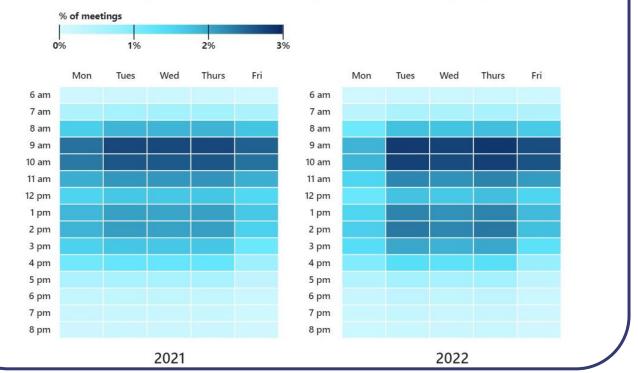


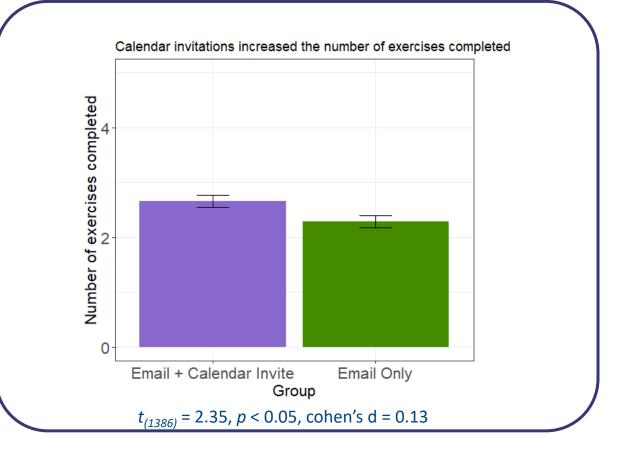
Image source: https://www.microsoft.com/en-us/worklab/work-trend-index/great-expectations-making-hybrid-work-work

## Phase 2 Results | Calendar invitations led to more exercises being completed

Sending a calendar invitation alongside the weekly emails was 13% more effective at increasing the total number of completed digital skills than sending weekly emails alone.

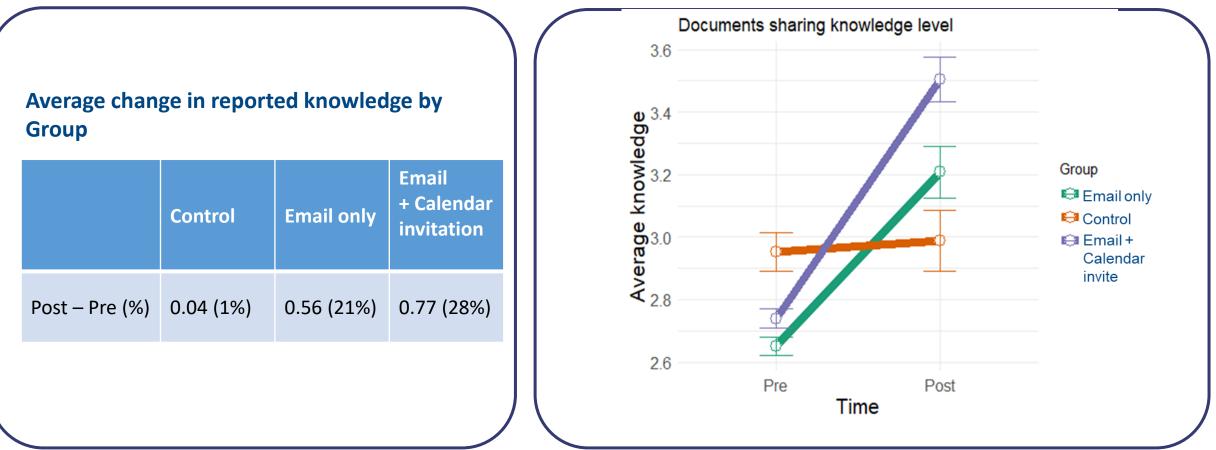


	Weekly email	Weekly email + Calendar invitation
Average number of exercises completed (out of 7)	2 out of 7 (33%)	3 out of 7 (38%)



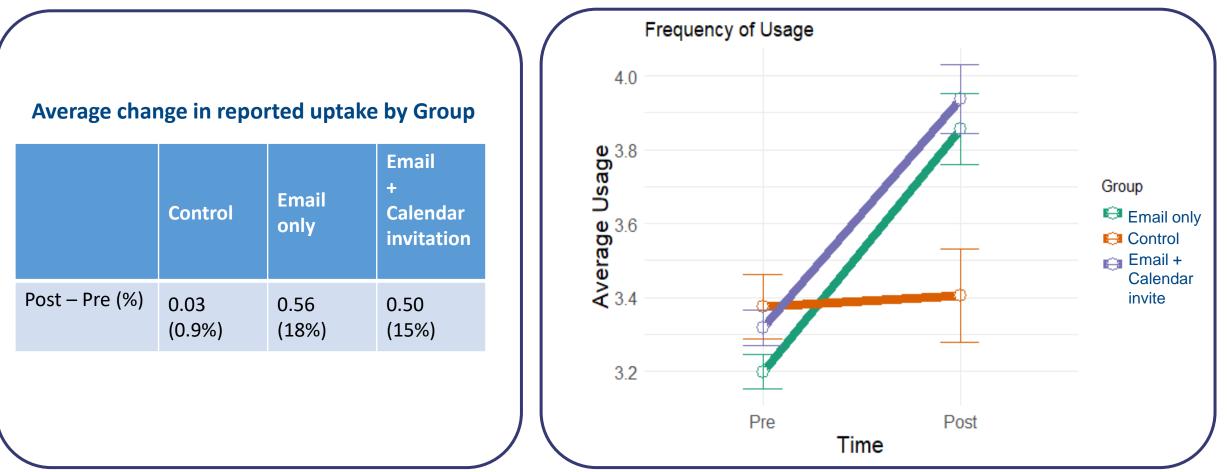
## Phase 2 Results | Calendar invitations led to greater improvements in reported knowledge

*Knowledge level on sharing files using SharePoint and Team Channels increased over time among Challenge participants, and this increase was larger for the Email + Calendar group.* 



# Phase 2 Results | Leaders challenge led to increased uptake

Usage of SharePoint Online and Teams Channels increased over time among Challenge participants with no significant difference between groups



### **Key Findings**



A **targeted approach** to advertising was more effective at increasing attendance than a non-targeted approach.



#### **Default calendar invitations**

were effective at encouraging Leaders Challenge participants to complete more exercises and increase reported knowledge.



The Leaders Challenge was effective at increasing the uptake of digital collaboration tools.

### **Areas for future research**

- The effect of default appointments at boosting other behaviors, and their long-term effects.
- The role of individual characteristics (e.g., years working in government) in adopting skills or behaviors.
- The influence of team collaboration and upstream factors on adoption and promotion of skills or behaviors.

## Thank you!

Should you have any further questions about this project, please contact:

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