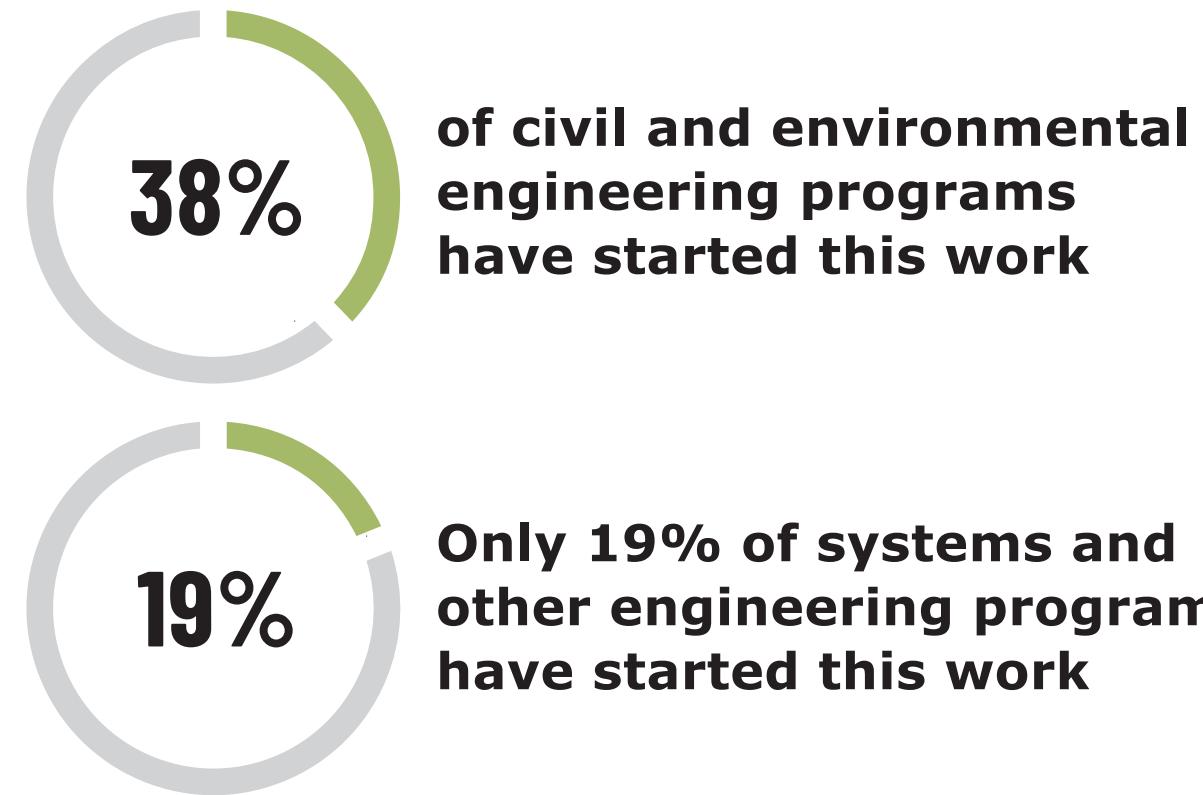




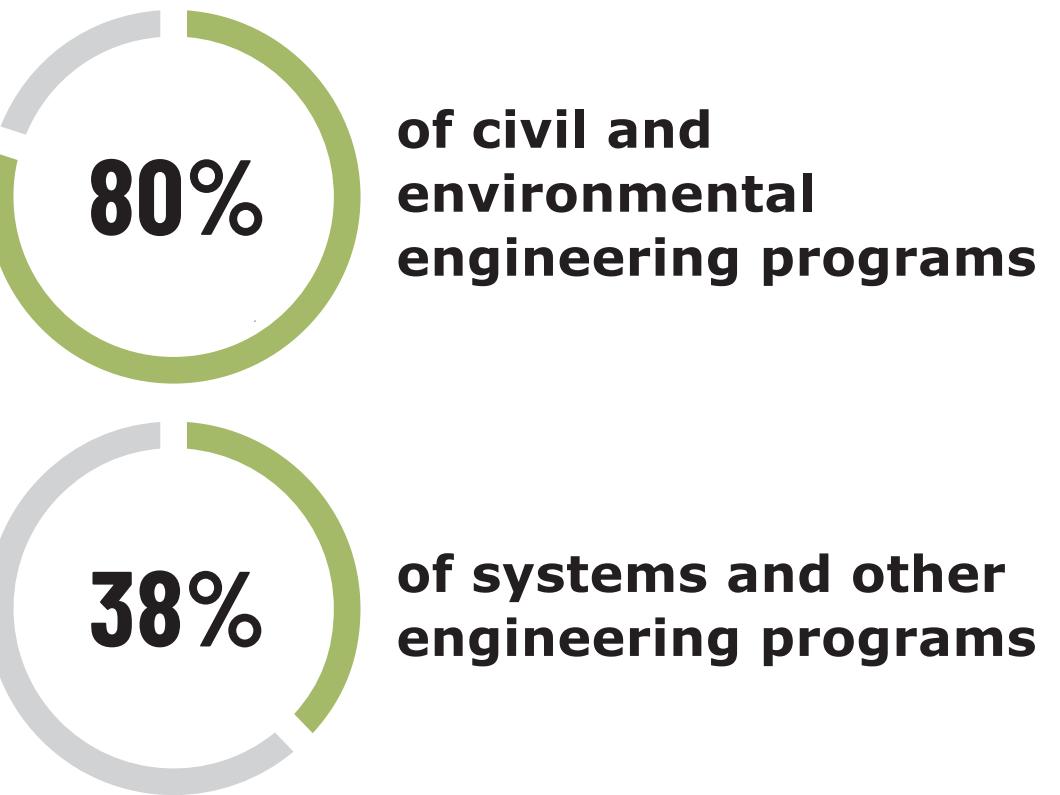
# THE STATUS OF CLIMATE CHANGE EDUCATION

## IN ENGINEERING PROGRAMS ACROSS CANADA

Engineering programs are just beginning to incorporate climate change into their program outcomes and courses



Climate science basics are already being taught by



## Current pedagogical approaches

used in engineering for climate change education:



### Standard approaches:

- lectures
- guest speakers
- seminars
- research



### Hands-on:

- case-based learning
- experiential learning
- workshops
- projects

57% of engineering programs agreed that teaching about climate change requires special pedagogical approaches, supports and educational resources!

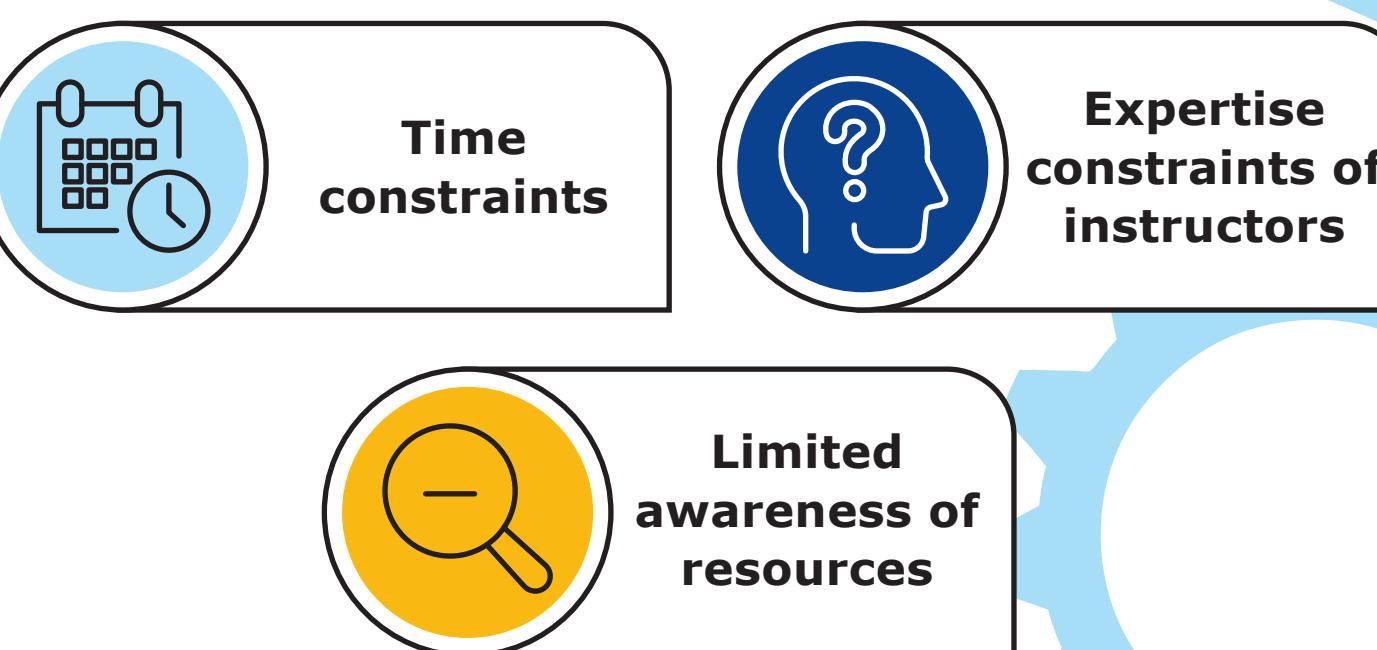
## Top 3 enabling factors

for climate change education in engineering programs:

- 1 Faculty interest & expertise
- 2 Campus initiatives
- 3 Student enthusiasm

## Top 3 barriers

to the integration of climate change education:



## Support needed

Engineering programs need more support in integrating climate change education into their program, including:

