

On-Line Permitting

The **Greener** Way to Go

On-Line Permitting

- Michael J. Pessolano, AICP (Moderator)
Regional Manager, Hawkeye Government Solutions
- Christopher McClure
IT Director, Town of Westford, MA
Co-founder For and By Government Public/
Private Collaboration (FBGov.gov)
- Mike Asciola
Assistant Town Planner, Kittery, ME

On-Line Permitting

- Working Definition:

A system that enables users to electronically file applications for permits and licenses from a computer with internet access

- Principal Features:

- 24/7 access and operability by users
- Nearly paperless
- Provides critical feedback to applicants during and after filing of applications
- Served off-site from a 'cloud' or from an on-site server

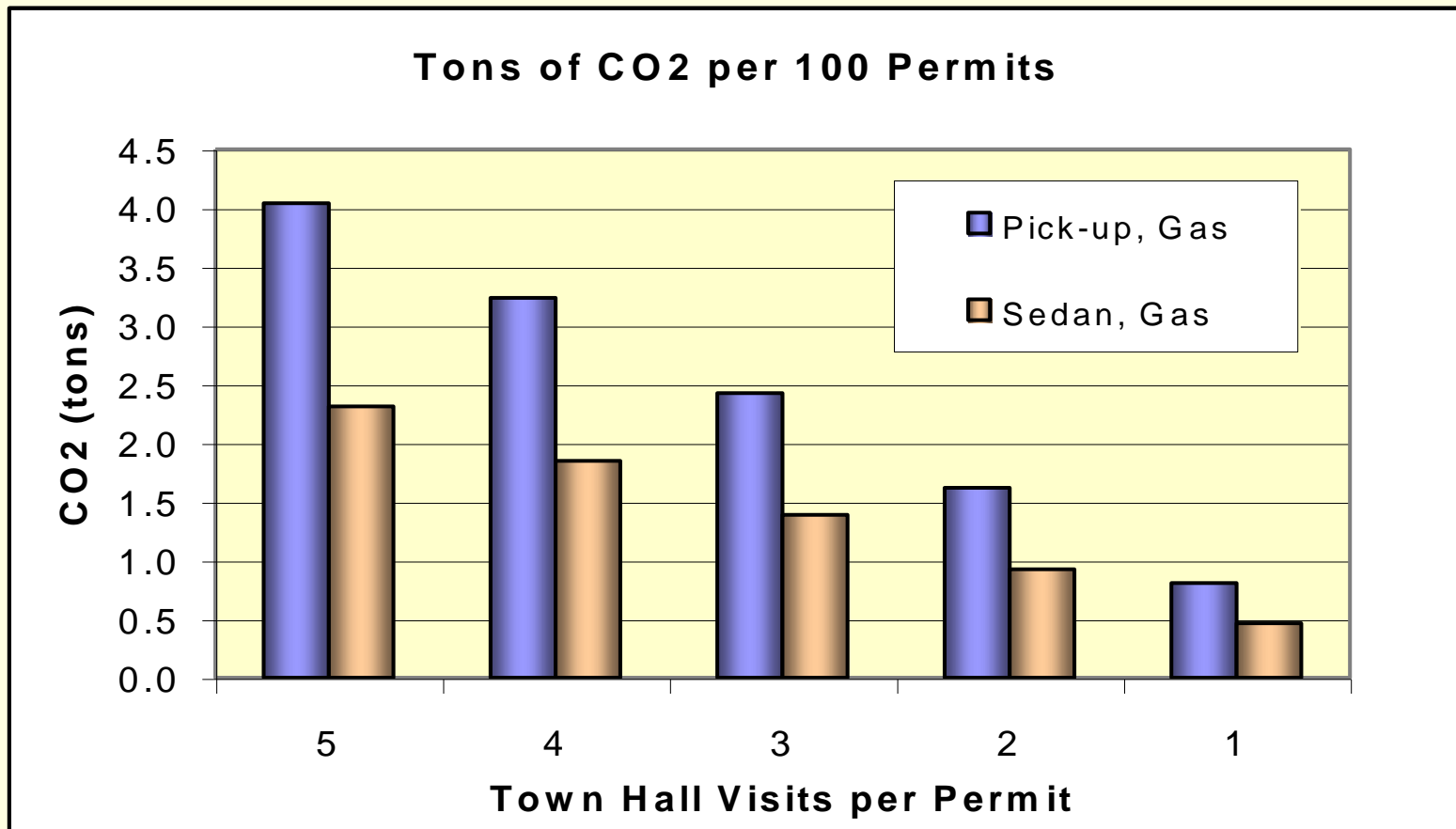
On-Line Permitting

- Benefits:
 - Greener than traditional approach
 - Less CO2
 - Less paper
 - Enables more efficient use of staff & space
 - Provides improved customer service
 - Ready when they are with no travel hassles
 - No waiting in lines; no lost time
 - Instant communication
 - Efficiently supports revenue-producing activity

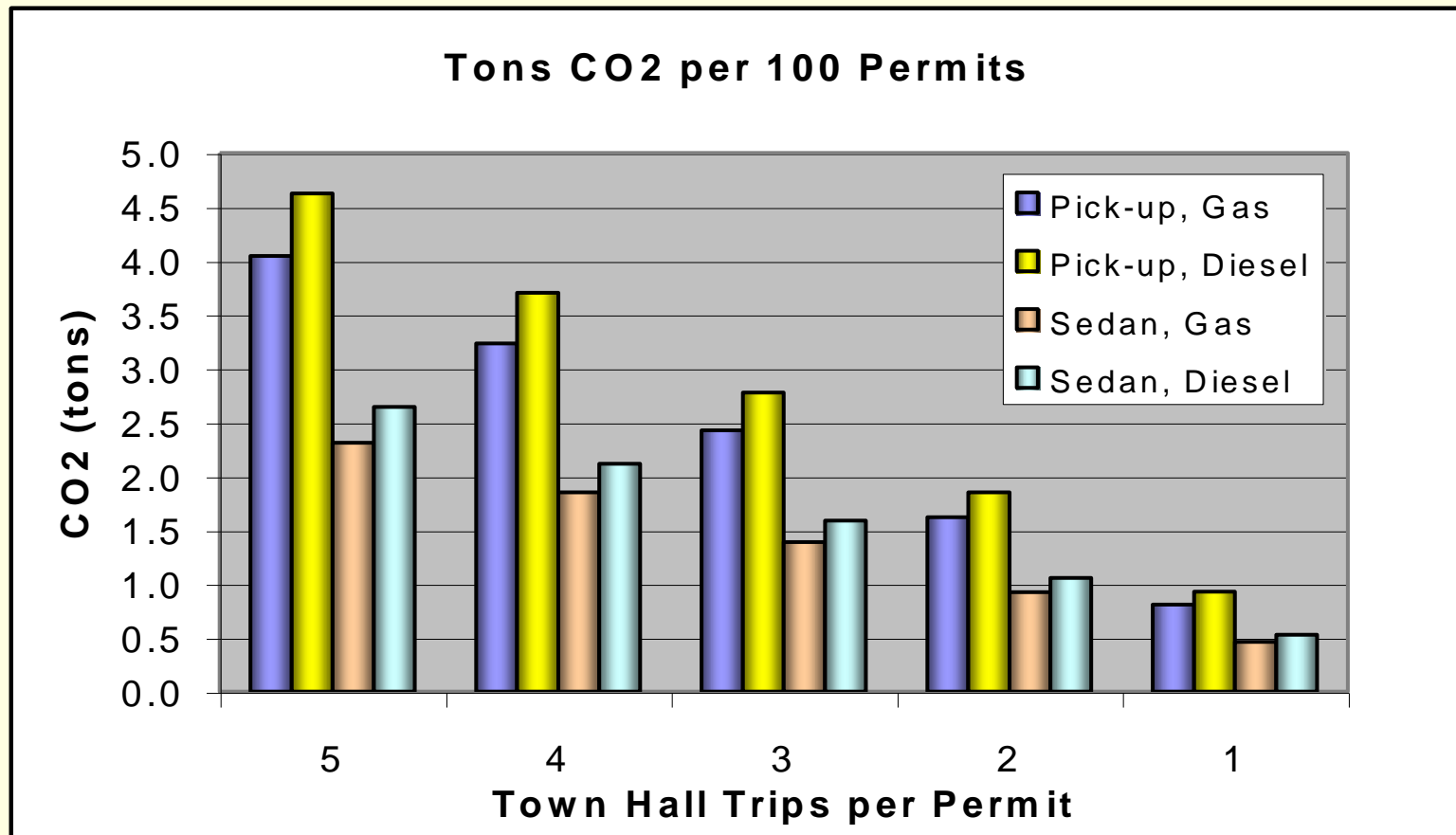
On-Line Permitting

- CO2 Reductions – Some Metrics:
 - Inputs:
 - Many building permits typically generate 3-5 visits to Town Hall
 - Assumed one-way trip distance: 5 miles
 - Fuel Economy (per www.fueleconomy.gov):
 - Pick-up - 12 mpg, in-town
 - Sedan – 21 mpg, in-town
 - Pounds of CO2 produced per gallon of fuel: (per www.epa.gov/oms/climate/420f05001.htm)
 - Gasoline – 19.4
 - Diesel – 22.2

On-Line Permitting



On-Line Permitting



On-Line Permitting

- New England logged roughly 17,600 permits for new residential construction in 2009.
- At 5 town hall visits per permit, and using prior assumptions, the CO2 output was roughly 640 tons.
- Bottom line:
 - On-line permitting can potentially reduce the CO2 impact of traditional permitting by 75-80%.

On-Line Permitting

THANK YOU!

Contact Info:

- Michael Pessolano – 508.482.0614 or 201.290.9460
mpessolano@hawkeyegs.com
- Christopher McClure – 978.399.2411
cmcclure@westfordma.gov
- Mike Asciola – 207.475.1323
masciola@kitteryme.org