

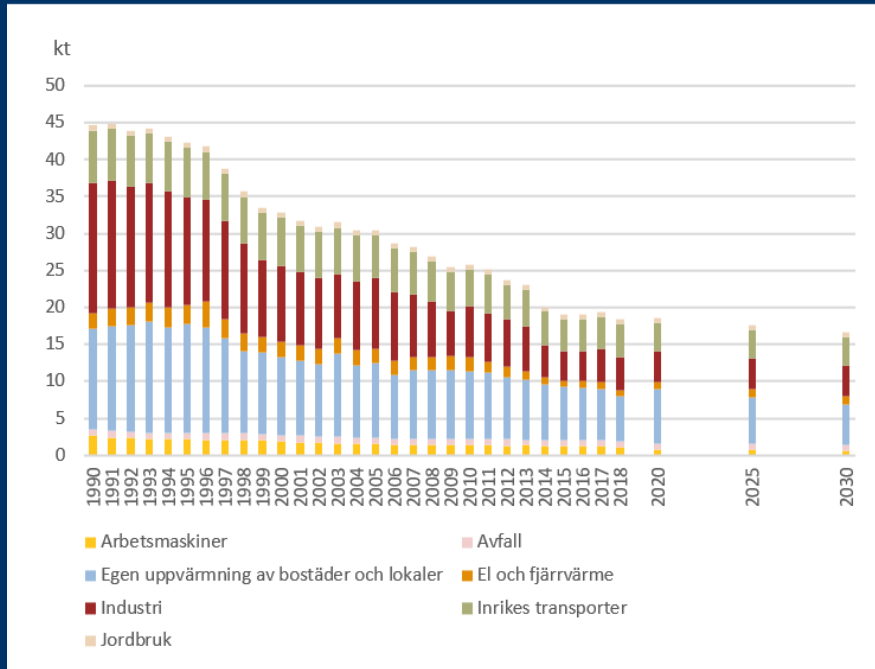
WGSR59 May 2021

Wood burning in residential heating

Petra Hagström
Swedish EPA

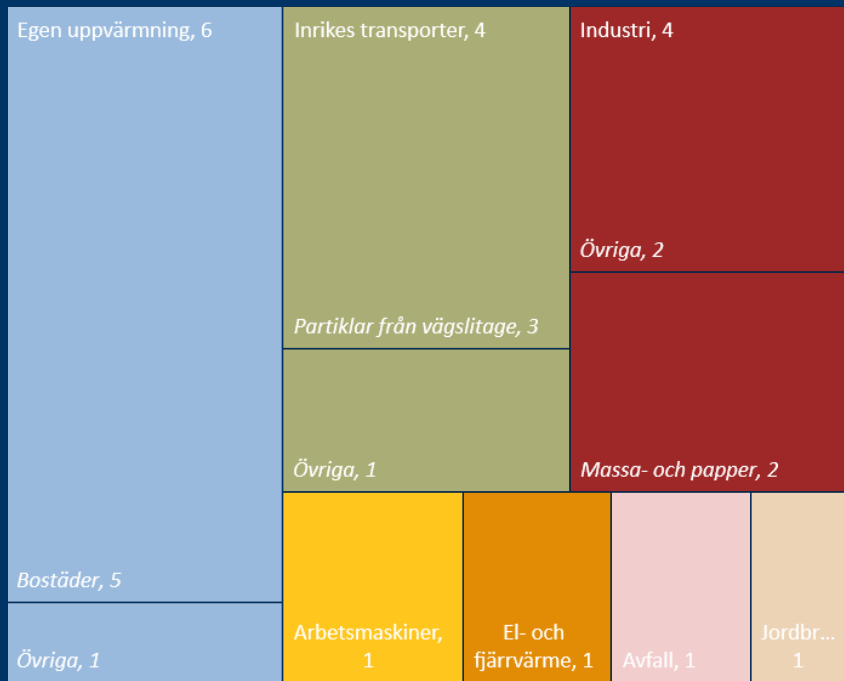


A large source of air pollution



Wood burning in residential heating is the largest source of emissions of fine particles (PM_{2,5}) and benzo[a]pyrene in Sweden.

PM2,5



Air pollution from small-scale wood burning is estimated to cause about 1000 premature deaths annually.

- 2019 the latest Government assignment concluded that information to the general public/households was a good option to reduce air pollution from residential heating.
- Information campaign to educate households on how to burn wood in local space heaters and boilers to minimize air pollution and maximize energy efficiency.

Use dry wood

Good air supply

Never burn waste

- 2020: Instructive film on how to burn wood in local space heaters and information on health effects published on the Swedish EPA's website and YouTube.

<https://www.youtube.com/watch?v=MwSWkZX-xOw&t=1s>



- 2021: Instructive film on how to burn wood in solid fuel boilers and information on health effects published on the Swedish EPA's website and YouTube

<https://www.youtube.com/watch?v=FCjJbcVXVII&t=1s>





SWEDISH ENVIRONMENTAL
PROTECTION AGENCY