



What's the Fuss about CRTs

Jason Linnell

National Center for Electronics Recycling (NCER)



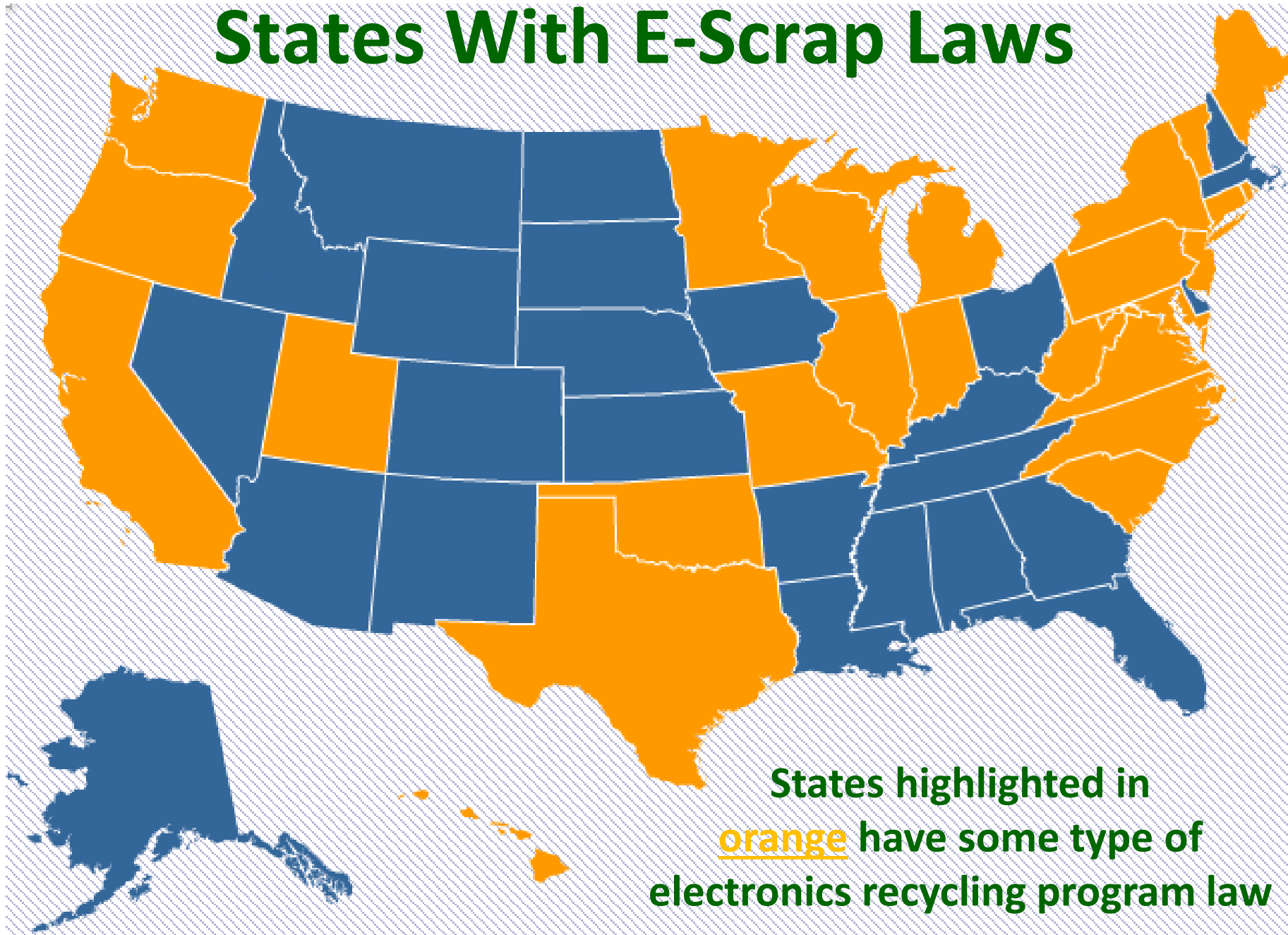
About Us

National Center for Electronics Recycling:

- Non-profit 501c3, est. 2005
- Located in Parkersburg, WV
- Involved in Federal, State & Association Projects
- Conduct Research, Run Collection Programs
- Partner with NERC on Electronics Recycling Coordination Clearinghouse
- Manage Oregon State Contractor Program and Vermont State Standard Plan
- Our Mission: Dedicated to the development and enhancement of a national infrastructure for the recycling of used electronics in the U.S.



States With E-Scrap Laws



States highlighted in orange have some type of electronics recycling program law

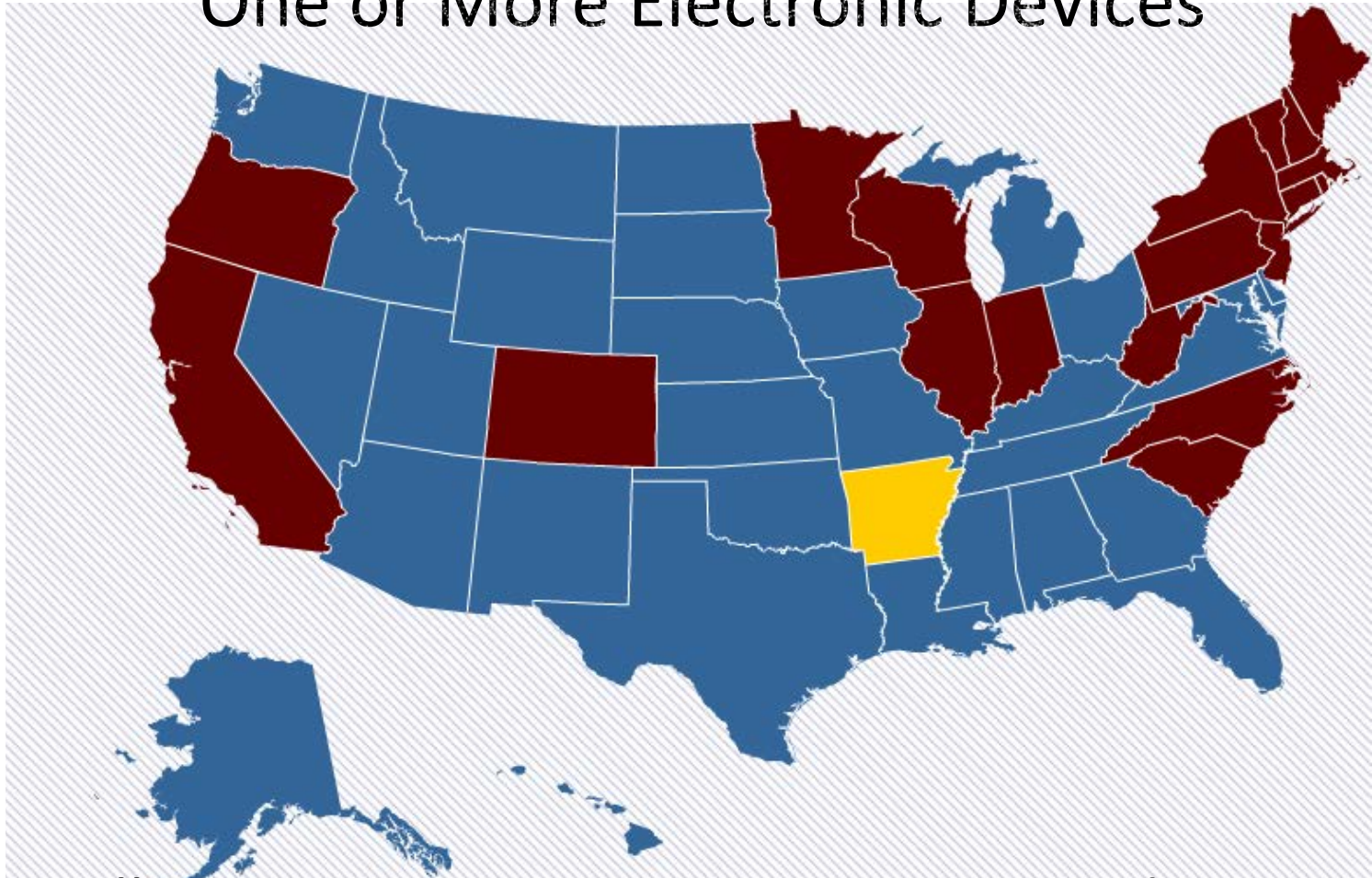
CRT and the State Laws

- Most states focus on consumer collection rather than business
- CRTs issues not limited to state law programs, but on front lines
- State managers can't control flows, but do decide what "counts" for programs
- Manufacturers must meet goals in at least 13 states
 - If states don't count management option, OEMs won't allow recyclers to use
- Does state law or regulations allow CRTs (from consumers) in landfills? (19)



STATES WITH LANDFILL BANS

One or More Electronic Devices



NOT all Program Law States Have Bans! And Vice Versa
Red - have active landfill bans; Yellow – not in effect

Stockpiling

- **Why? #1 Cost: Recycler bring in CRTs, not enough to pay for proper downstream**
- **Changing markets**
- **Restrictions from certification programs, state laws, customer contracts limit options**
- **Time limits on accumulation**
- **Can lead to abandonment or dumping – at least 10-15 instances**



Impact on Programs

- **More cases of local programs ending collection or adding fees**
 - But, fees prohibited under some state laws
- **Challenges for recyclers working under manufacturers/groups**
 - Targets create limits
 - Not all recyclers have manuf contracts, still collect under state law program
 - Collectors need info on whether their recycler has contracts
- **Outside state laws, collectors must pay or charge fees to cover increasing costs**



Outlook

- States and programs changing what is allowable
- Some ongoing discussions, analyzing new markets
- % CRTs not tapering, but some mature states overall lbs leveling off
- Markets and costs for CRTs challenging for recyclers, but also states to regulate for approval
- Need to prepare and prevent potential further abandonment cases



Thank You!

Jason Linnell, NCER

Phone: (304) 699-1008

jlinnell@electronicsrecycling.org

Visit us on the web:

www.electronicrecycling.org

and www.ecycleclearinghouse.org

