



## National Lieutenant Governors Association

### 1        **Resolution Recognizing the Importance of Sustainable Cold Chain Solutions**

2        **WHEREAS**, a cold chain is a low temperature-controlled supply chain series of refrigerated production,  
3        storage and distribution activities, along with associated equipment and logistics, and

4        **WHEREAS**, the COVID pandemic and some resulting vaccines demonstrated a need for sustainable cold  
5        chain solutions as it relates to health, and

6        **WHEREAS**, cold chain solutions also apply to health through food security to ensure food reaches areas  
7        in need, and

8        **WHEREAS**, the world produces enough food to feed 10 billion people<sup>1</sup>, and one-third or more of that  
9        food is wasted every year<sup>2</sup>, resulting in more than 800 million people going hungry worldwide every day<sup>3</sup>,  
10       and

11       **WHEREAS**, food waste also results in an estimated 4.4 gigatons of greenhouse gas emissions<sup>4</sup>, and

12       **WHEREAS**, smarter and more connected cold chains are essential to progress in local and global food  
13       security and in creating effective, efficient, sustainable cold chain medicine distribution methods, and

14       **WHEREAS**, a holistic approach may optimize refrigeration technology, transportation needs, and meet  
15       energy, carbon and food waste reduction goals, and

16       **WHEREAS**, these approaches may include design and assessment expertise, transport fuel savings  
17       solutions, fleet electrification options, natural refrigerant systems, thermal storage, application of  
18       technology such as digital platforms, and more.

19       **NOW, THEREFORE, BE IT RESOLVED** that the National Lieutenant Governors Association hereby  
20       recognizes the potential for smart, sustainable innovation in critical arenas including cold chain solutions.

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<sup>1</sup> Journal of Sustainable Agriculture,

[https://www.researchgate.net/publication/241746569\\_We\\_Already\\_Grow\\_Enough\\_Food\\_for\\_10\\_Billion\\_People\\_and\\_Still\\_Can't\\_End\\_Hunger](https://www.researchgate.net/publication/241746569_We_Already_Grow_Enough_Food_for_10_Billion_People_and_Still_Can't_End_Hunger)

<sup>2</sup> World Food Programme, <https://www.wfp.org/stories/5-facts-about-food-waste-and-hunger#:~:text=Here's%20what%20you%20need%20to,worth%20approximately%20US%241%20trillion>

<sup>3</sup> United Nations, <https://unstats.un.org/sdgs/report/2021/>

<sup>4</sup> Food and Agriculture Organization of the United Nations, [https://www.fao.org/fileadmin/templates/nr/sustainability\\_pathways/docs/FWF\\_and\\_climate\\_change.pdf](https://www.fao.org/fileadmin/templates/nr/sustainability_pathways/docs/FWF_and_climate_change.pdf)



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- 21 **BE IT FURTHER RESOLVED** that NLGA recognizes sustainable cold chain solutions have positive  
22 possibilities for world health including greater food security and medical treatment provision.
- 23 **BE IT FURTHER RESOLVED** that NLGA encourages innovation in public and private sectors in regard  
24 to sustainable cold chain solutions.

ADOPTED, this day, the 22<sup>nd</sup> of July, 2022.

Sponsors: Lt. Governor Lisa Cano-Burkhead (D – Nevada), Lt. Governor Geoff Duncan (R – Georgia), Lt. Governor Winsome Earle-Sears (R – Virginia), Secretary of State Shemia Fagan (D – Oregon), Lt. Governor Garlin Gilchrist (D – Michigan), Lt. Governor Bethany Hall-Long (D – Delaware), Lt. Governor Randy McNally (R – Tennessee), Lt. Governor Billy Nungesser (R – Louisiana)