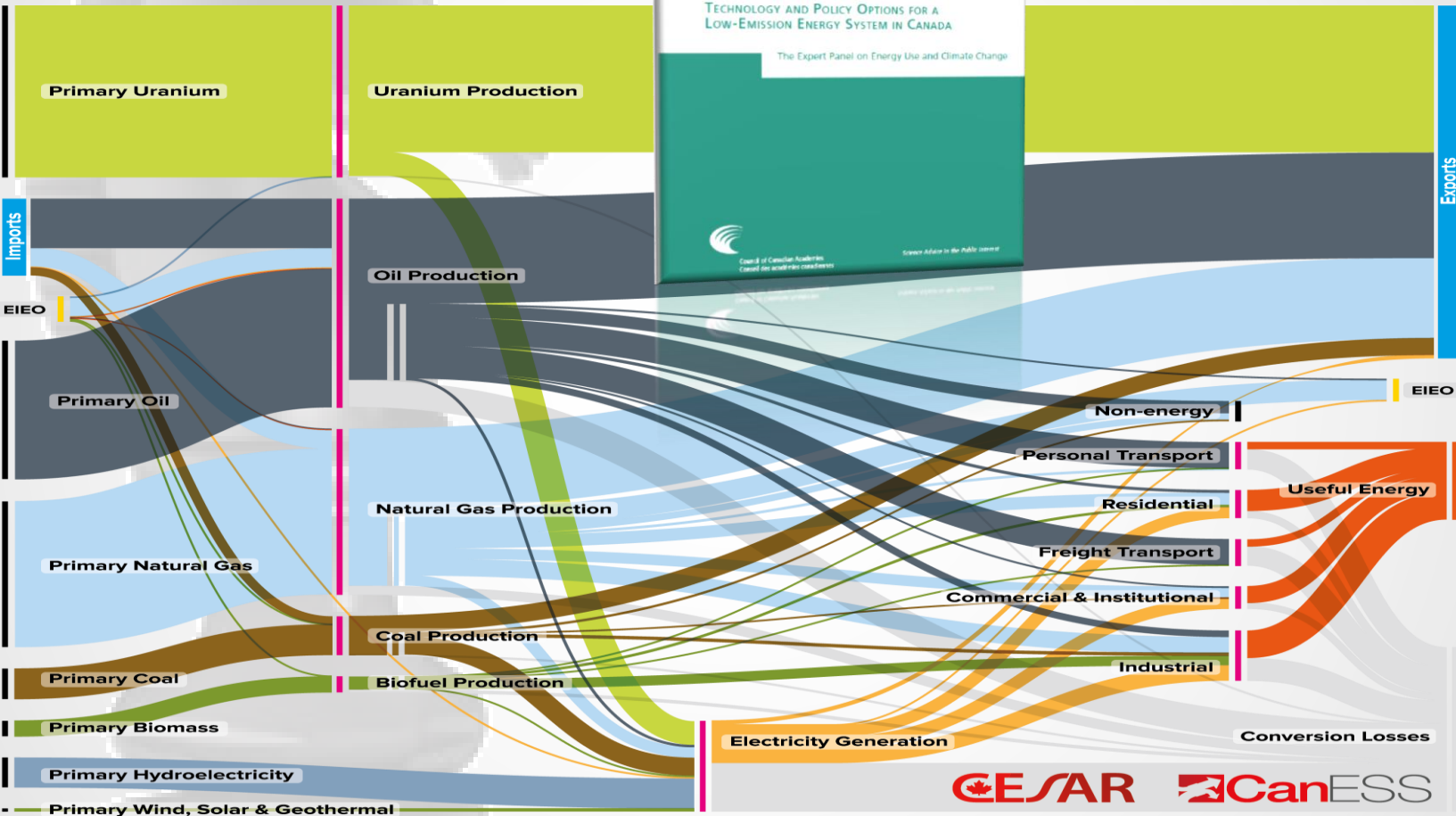


Energy Flows in Canada showing the huge contribution Canada makes to the avoidance of greenhouse gas production.



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Energy flows

- |                  |             |                   |
|------------------|-------------|-------------------|
| Crude oil        | Natural gas | Coal              |
| Hydroelectricity | Uranium     | End-use energy    |
| Renewable energy | Electricity | Conversion losses |

Processes

- |                           |                                 |
|---------------------------|---------------------------------|
| Primary energy            | Imports & exports               |
| Harvesting and conversion | Energy in for energy out (EIEO) |



# Every day in every way Nuclear Technology is making us safer, healthier and happier



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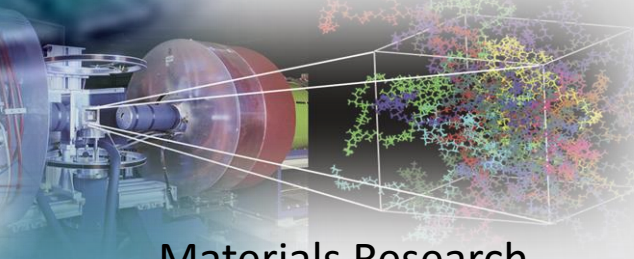


**Leak Detection**

**Compact  
Fluorescents**



**DNA Sequencing**

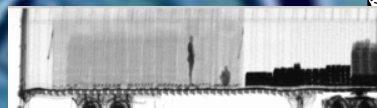


**Materials Research**

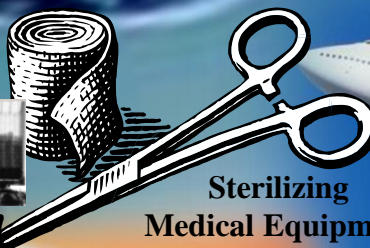
**Quality and Safety  
Inspections**



**Preserving Foods**



**Detecting stowaways!**



**Sterilizing  
Medical Equipment**



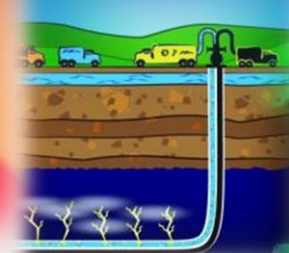
**Nuclear Medicine  
& Imaging**



**Emergency Lighting**



**Smoke detectors**



**Fracking Tracers**

**Glow in the dark toys**



**Tritium, Krypton, Promethium**