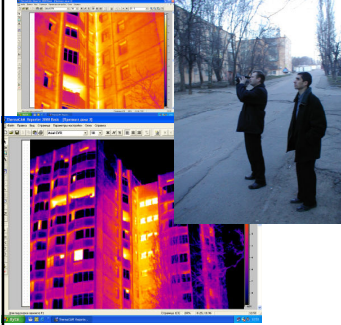


### Example of energy heat losses in Odessa



Method:  
Infrared pictures  
Results - weak points:  
• Windows and pipes for central heating  
• thin walls - lack of 30 cm according to the normal Ukrainian standard  
Expert measurements: 81 points identified (low temperatures, noise...)

---

---

---

---

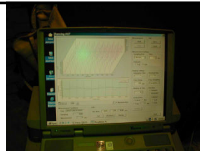
---

---

---

---

### Demonstration Project results



- 30% reduction of electricity bills
- 70% reduction of heating bill
- 80% reduction of the hot water bill
- 50% reduction of water consumption
- improved indoor climate: higher temperature in winter, cooler in summer (insulation)
- Reduced indoor air pollution (less smoke, chemicals)

---

---

---

---

---

---

---

---

### No right to choice of energy source

- 22 nuclear reactors planned in Ukraine
- Do not have choice, would like to choose my energy source
- In Odessa, we have no possibility to access decentralized renewable energy
- No possibility to save energy (no access to credit to renovate buildings)

---

---

---

---

---

---

---

---