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Public policies for access to renewable energy in collective housing in North Karelia / Finland

EXPRESS Workshop

Timo Tahvanainen, Lead partner Project manager

timo.tahvanainen@pohjois-karjala.fi

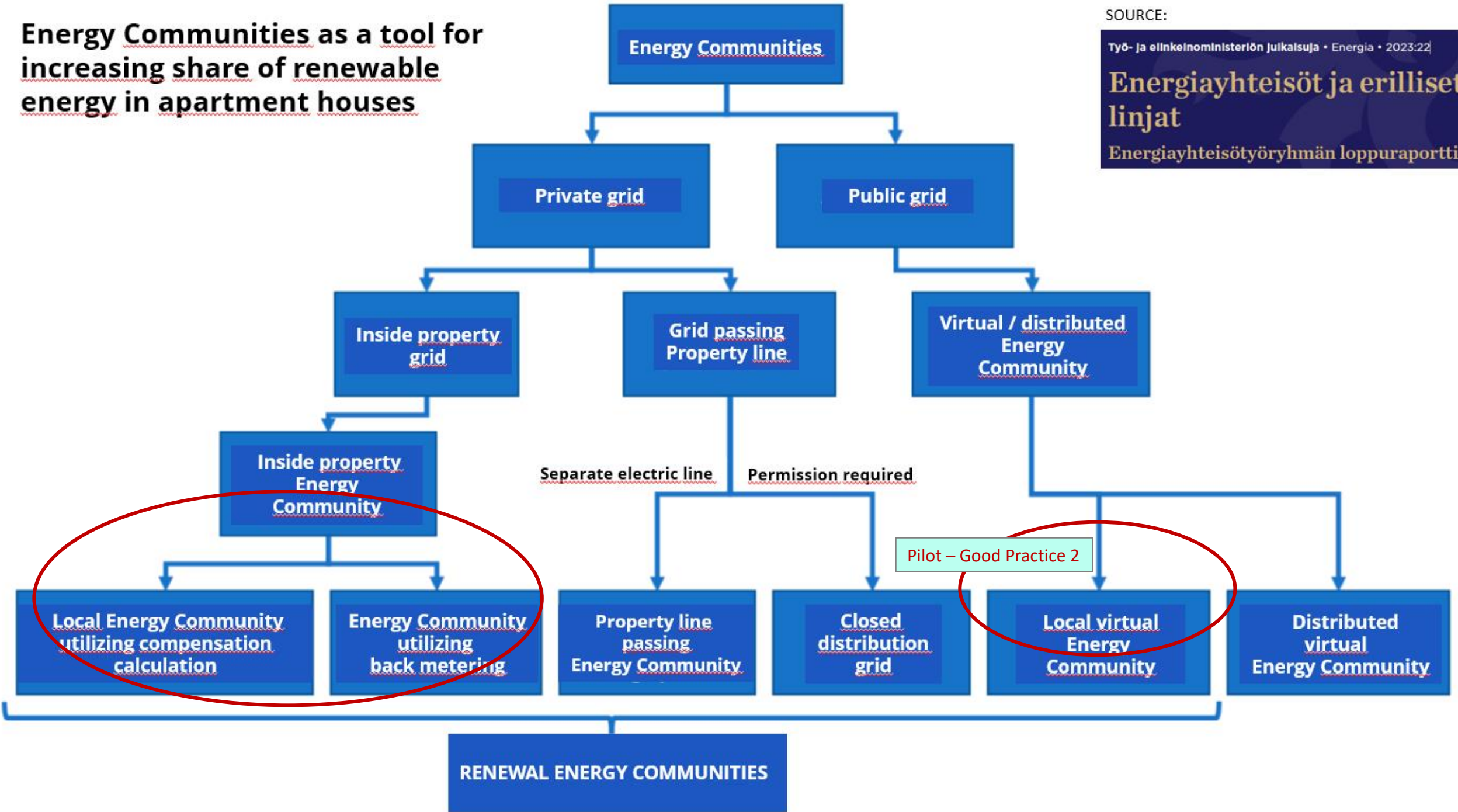
09.04.2024 | EXPRESS Study visit in Paris

In general:

- **Ambitious Energy Efficiency Directive's goals for improving energy efficiency 16% in apartment houses by 2030**
- **Finnish subsidy system is diverse and constantly in change: focus on demonstrating of new technologies, but not real incentives for activating energy renovations**
- **Currently no incentives for apartment houses / homeowner's associations to boost energy renovations**
 - Previous (low) subsidies for energy efficiency, change to renewable energy and charging facilities for electric cars have expired
 - The only (general) subsidy is increased **household tax reduction** (max 3,500 €/year/person) from reducing costs of using services for repair, cleaning etc. services from personal income taxes
 - Acceptable costs can include 60% of working costs but no materials (installation, assembly etc. repair costs) purchased by registered entrepreneurs
 - BUT: not accepted for renovation works which belong to Homeowner's association's responsibility
- **Private houses and 2-apartment detached houses can still get:**
 - 4,000 €/apartment aid for changing from fossil oil/gas to heat pumps (ground heat or air-to-water) or to district heat
 - 2,500 €/apartment aid when changing to other non-fossil alternatives
 - The subsidy is alternative to household tax reduction (can't have both)

Energy Communities as a tool for increasing share of renewable energy in apartment houses

SOURCE:
Työ- ja elinkeinoministeriön julkaisu • Energia • 2023:22
Energiayhteisöt ja erilliset linjat
Energiayhteisöryhmän loppuraportti



North Karelia: Topics for EXPRESS transfer of knowledge

Something to share:

1. **Energy Community pilots** – experiences on adapting the directive into practice
2. **Hybrid energy systems and utilization of versatile waste heats in District Heating**
3. **Biomass heating** in all scales, the changing role of biomass
4. Some biogas experiences (+ pilot projects in pipeline)
5. Research: Energy poverty analysis & Social acceptance of large-scale wind power

Eager to develop / learn:

1. **Use of data for focusing and boosting energy renovations in condominiums**
2. **Energy community pilots** (in different scales, forms and environments)
3. **Hydrogen energy pilots**
4. New solutions for green heavy transport