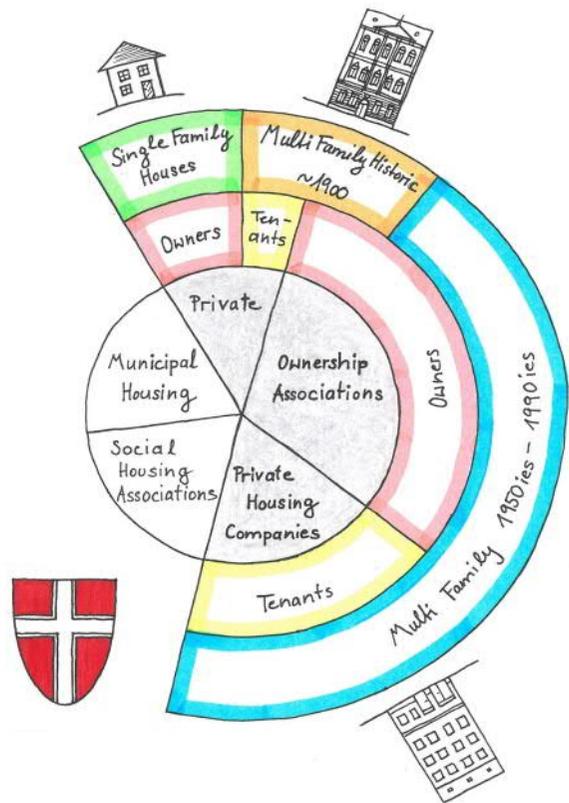


RenoBooster

The Smart Renovation Hub Vienna



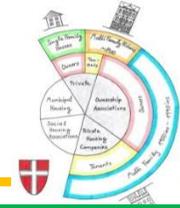
Covenant of Mayors' Investment Forum – Energy Efficiency Finance
15 – 16 June 2021

Stephan Hartmann
stephan.hartmann@wien.gv.at

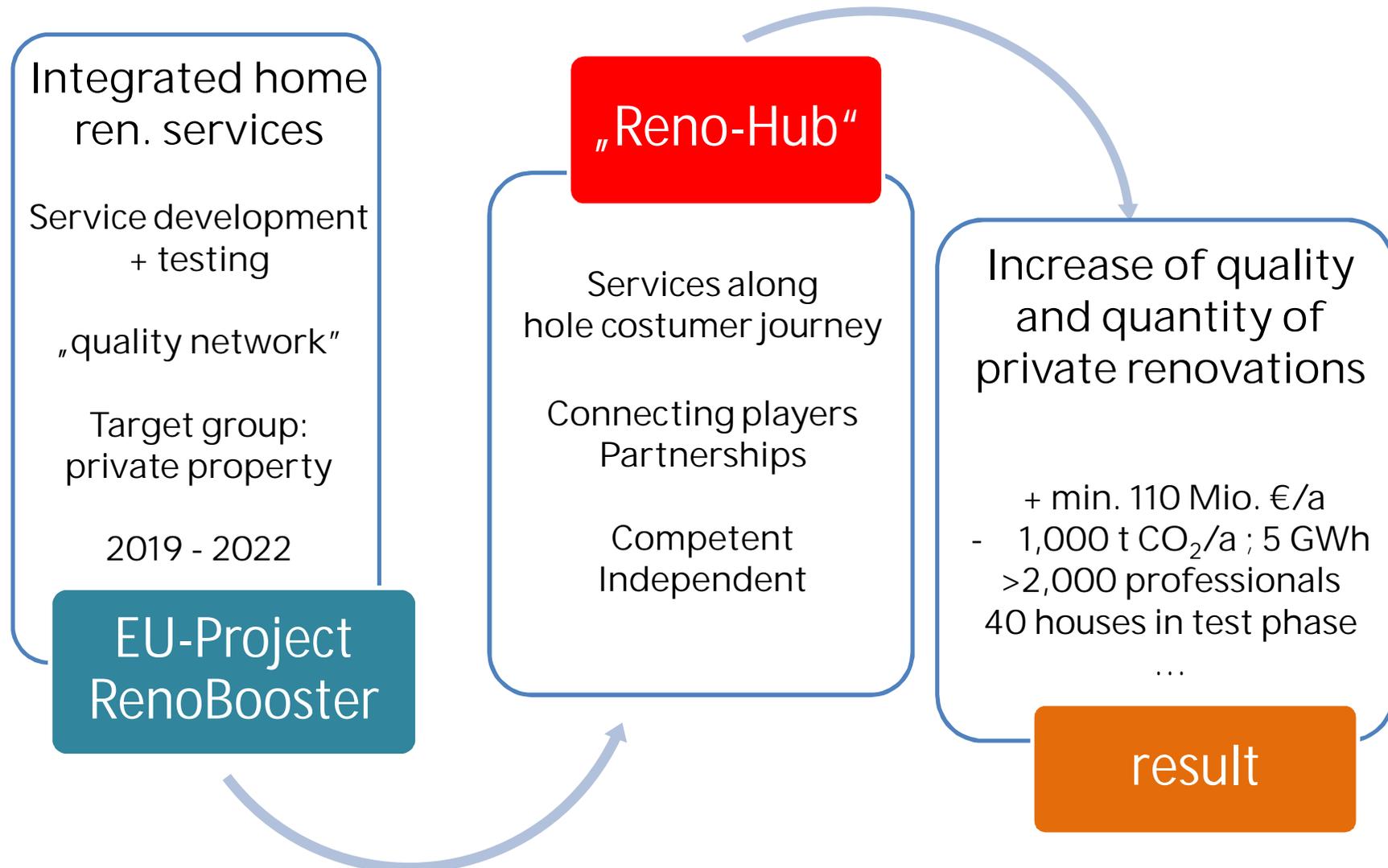


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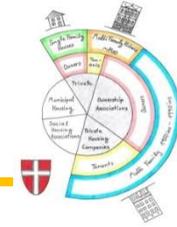
Framework and Aim of the Project



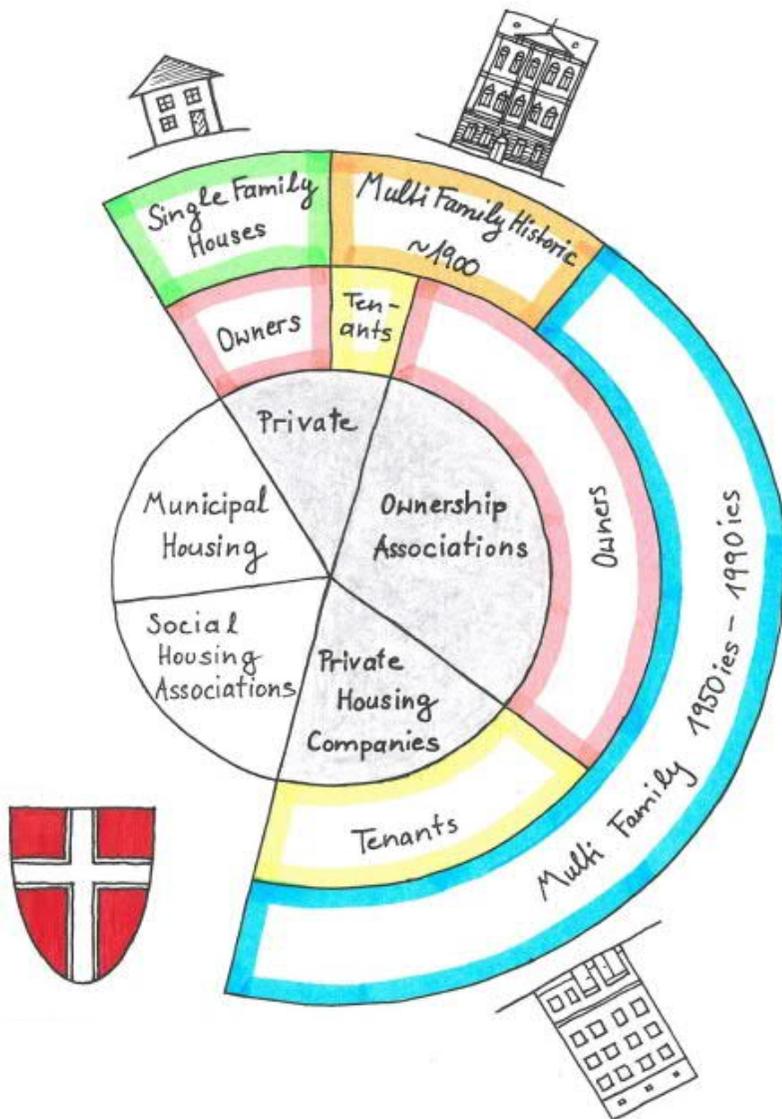
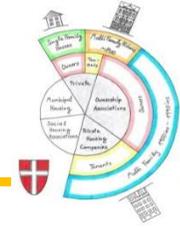
Climate Goals – decarbonisation of the building sector



Partners and competences



Understanding our target groups

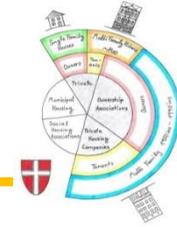


- „I don't know what to do“
- „I can't stand this, don't want to deal with all the mess“
- „This will ruin me“

Energy efficiency and cost savings are not relevant!

But: interest for alternative, renewable solutions

Understanding our mission



	1-2 family houses	Gründerzeit	Multi-family
# of buildings	89,800	23,700 total 14,400 Zinshäuser 9,300 Condominiums	35,600
# of dwellings	96,000	312,000	576,000
# of buildings built before 1990	66,000		28,900
Average costs for deep renovation	600 €/m ² (+ 90 €/m ²)	450 €/m ² (+ 75 €/m ²)	350 €/m ² (+ 70 €/m ²)

Residential buildings in Vienna (Source: Statistik Austria, Otto Immobilien, own calculation;
+ xxx €/m² refers to additional costs for renewal of the heating system)

- 618.308 units built before 1991
- 10-30k to be refurbished per year
- 400-500k Fossil (gas) heating systems



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HAUSKUNFT



DIE SANIERUNGSBERATUNG FÜR HÄUSER MIT ZUKUNFT.



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Hauskunft

- Started 10/2020 by EU-Project
- Since 05/2021 offering 3 services

Orientation – Check – Concept

up to 5,000€ funding for concept:

<https://www.hauskunft-wien.at/news/forderung-eines-gesamtheitlichen-sanierungskonzeptes>

- finance contract by City of Vienna from 2021
- Website, Hotline, Data-Base
- 4 to 10 people



© DIE UMWELTBERATUNG



Kofinanziert von der Europäischen Union.

Overview services – still in development!

Serviceangebote - Beratung		ungefährer Zeitplan	 Initiierungs-Phase	 Planungs-Phase	 Ausführungs-Phase	 Nutzungs-Phase
1	Orientierungsberatung	seit 1.10.2020				
2	Zukunfts-Check	Q1 2021				
3	Sanierungskonzept	Q2/Q3 2021				
4	Qualitätsplattform	Q1 2021				
5	Förderungen / Finanzierung	2021ff				
One Stop Shop - Förderung						
Finanzierung						
6	Monitoring	Q2 2021				
7	Optimierung	Q2 2021				
begleitende Beratung						

Overview services, communication

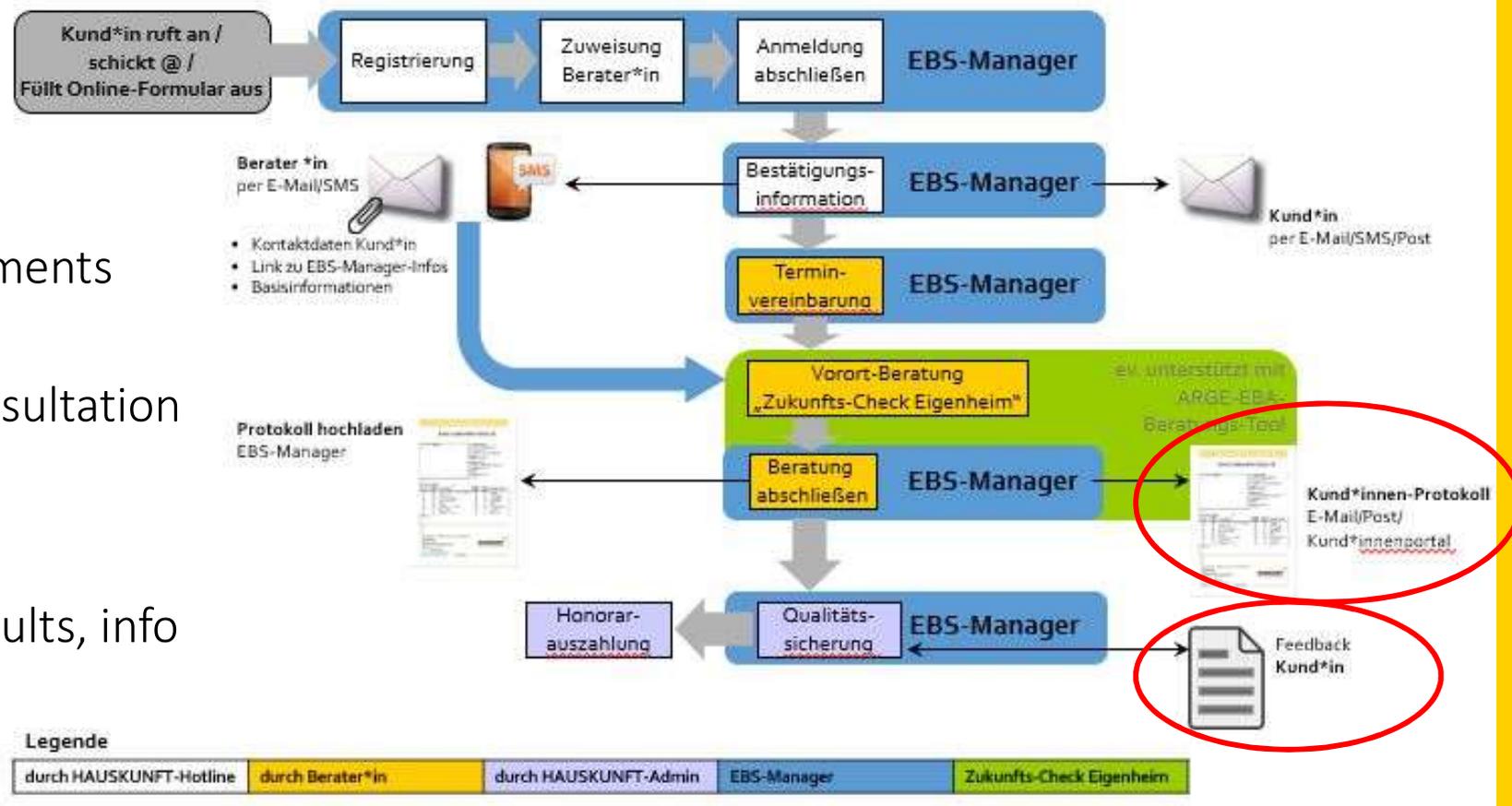
Serviceangebote - Kommunikation	 Initiierungs-Phase	 Planungs-Phase	 Ausführungs-Phase	 Nutzungs-Phase
Informationsdrehscheibe				
Webportal				
Info-Plattform für Spezialthemen				
Best Practice Beispiele				
Newsletter				
Förderportal				
Rotes Telefon				
u.a.m.				
Veranstaltungen & Vernetzung				

Refurbishment concepts

- Regulation by Federal State of Vienna since May 2021
- Goal: Energy Performance, efficient and alternative Energy systems, RES (Link National Standards OIBRL6)
- Must have: Isolation (facade, upper floor and basement), windows, energy system (heating, warm water, etc.), RES potentials,
Addition: Densification (roof, etc.), safety and barriers free, raising comfort (balconies, free space, etc.)
 - Multi-stock buildings: Deep Renovation + Energy system change – 50% of costs of max. 5000 €
 - 1-2 unit buildings: Deep Renovation – 50% of costs of max. 1000 – 1500 €
- Concepts, receipts, Energy Performance certificate registration, etc. – hole process online!
- Info at Hauskunft – Application at City of Vienna – Quality check and processing at Hauskunft – payment from City
- Guideline (German): <https://www.wien.gv.at/wohnen/wohnbauforderung/ahs-info/pdf/sanierungskonzept.pdf>
- Online Application: <https://www.wien.gv.at/amtshelfer/bauen-wohnen/wohnbauforderung/wohnungsverbesserung/sanierungskonzept-mehrfamilienwohnhaus.html>

Service „Future Check“

- Analysis of documents beforehand
- Meeting and consultation at the object
- Free of charge
- Protocol with results, info (database), links (qual.platform)



Info, Communication, Bundling Public Actors

Vergangene Veranstaltungen

12.05.2021, 14:00–16:00, Online Fachvortrag

Aktuelles in der Sanierung - wohnfonds_wien →

21.04.2021, 09:00–11:00, Online

ÖVI Business Meeting zum Sonnenschutz →

17.02.2021, 09:30–11:30, digital Livestream

Wirtschaftsagentur, Business Treff Solartechnik Neubau →

27.01.2021, 09:30–12:00, digital Livestream

Wirtschaftsagentur, Business Treff Solartechnik →

07.10.2020, 09:00, Online

ÖVI Online Business-Meeting Verwalter →

13.10.2020, 15:00, Online

klimaaktiv Fach-Webinar „Raus aus Gas-Etagenheizungen“ →

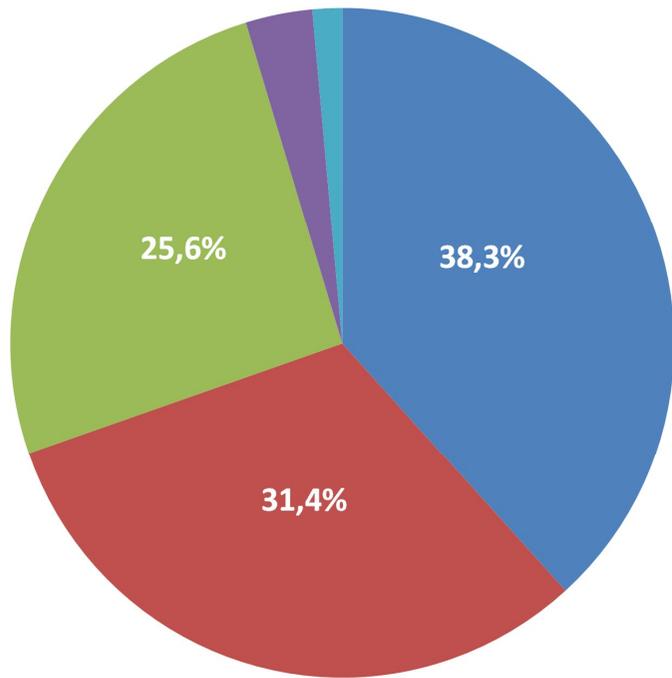
10.02.2021, 09:30–11:30, digital Livestream

Wirtschaftsagentur, Business Treff Solartechnik im Bestandsgebäude →

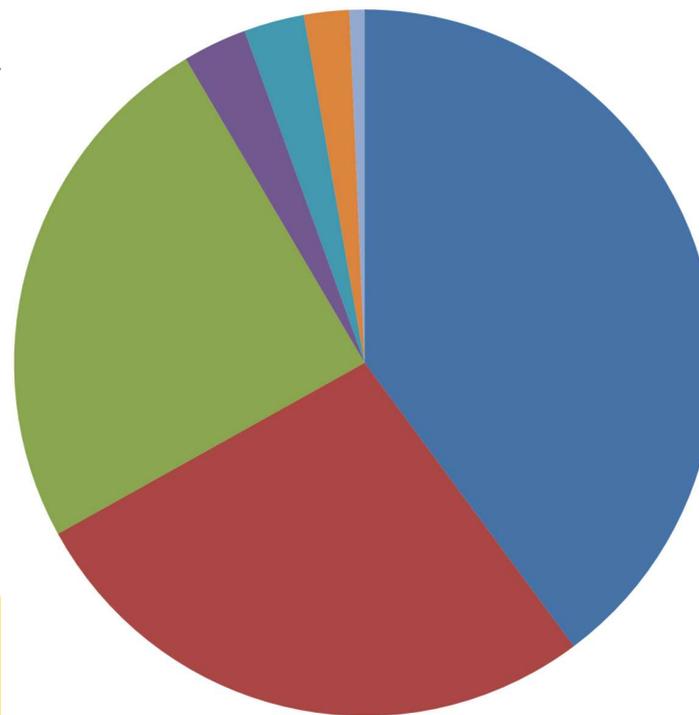
8 Municipal Departments + Energy Supply company

- Heat Pump installation, noise
- Availability district heating
- Building Law, Urban Design
- Subsidies
-

HAUSKUNFT	Jän.21	Feb.21	Mär.21	Apr.21	Mai.21	Summe
Orientierungsberatung	22	30	53	106	107	318
Zukunfts-Check / Vor-Ort-Beratung				1	2	3
Summe	22	30	53	107	109	321



- 1-2 unit build.
- Condominium
- Rented multi story
- Other
- (rented mur)



- Heating/RES
- Thermic Refurb.
- Subsidies general
- Maintain./Damages
- Elevator/Barrier/comfort
- Summerheat/green/shadow wing
- Refurb. concepts

Till january 2021

Topics:

▪ Heating	39	▪ summerheat/shadowing/ cooling	3
▪ Renovation/Isolation	32	▪ Green buildings	3
▪ Funding	25	▪ Ventilation	1
▪ Alternative Energy	15	▪ Heatpump	1
▪ Windows	12	▪ Barrier free and comfort	0
▪ Maintenance/Damages humidity	11	▪ Other	24
▪ Warm-Water	8		

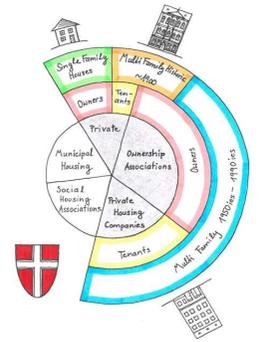


Kofinanziert von der
Europäischen Union.

Next steps

- Evaluation and continuing testing new services
- 4th Service Optimization during ongoing building operation (after renovation)
 - Understanding the situation and demands - Info on documents, measures done already, energy bills/performance, benchmarks target/actual, info behaviour/optimization, transfer to specialists – **deeper measurements or controlling by Hauskunft?**
 - Test starting summer 2021
- 5th Service: Financing – Helping to shape projects and fasten and smoothen the process the finance, cooperation with investors, banks

Quality Plattform



- Association of companies for implementation/planning works
- funded 12/2020 – currently more members joining
- Committed to quality – Charta – no new standards!
- The connection to the independence Hauskunft services
- Network between companies along renovation journey
- Not platform for renovation in Vienna yet - Financed by members
- web presence coming next
- Preparation for growing market along renovation wave



PLATTFORM FÜR PLANUNG UND AUSFÜHRUNG ZUR SANIERUNG VON GEBÄUDEN

[MITGLIED WERDEN](#)



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