



Fourth
ENERGY SUMMIT
Bosnia and Herzegovina



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Ministry of Foreign Trade and
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State Electricity Regulatory
Commission



Regulatory Commission for
Energy of BiH



Regulatory Commission for
Energy of BiH



Support Schemes for Renewable Energy



New Developments and Options



WHY New Support Schemes for RE in BIH?

Main reasons are that:

- Existing RE support schemes are not sustainable
- The “RE world” dramatically changed since existing support schemes were introduced:
 - Tremendous development of RE generation installed capacities
 - Extraordinary technology improvement
 - Significant price drop per installed kW
 - Challenges in networks related to higher feed-in of intermittent RE
 - New EU regulation for RE reflects the recent developments
- BIH needs to continue RE support with the objective to reach point where support will not be needed in a near/mid future
 - Future RE support scheme must be more cost-efficient
 - Future RE support schemes should be market based / competitive

WHO/HOW Develops New BIH RE Support Schemes Proposal?



Ministarstvo vanjske trgovine
i ekonomskih odnosa
Bosne i Hercegovine



Bosna i Hercegovina
Federacija Bosne i Hercegovine
Federalno ministarstvo
energije, rudarstva i industrije



Bosna i Hercegovina
Državna regulatorna komisija
za električnu energiju



Regulatorna komisija za energiju
u Federaciji Bosne i Hercegovine



Federacija Bosne i Hercegovine
Operator za obnovljive izvore energije
i efikasnu kogeneraciju



ОПЕРАТОР СИСТЕМА
ПОДСТИЦАЈА
РЕПУБЛИКЕ СРПСКЕ



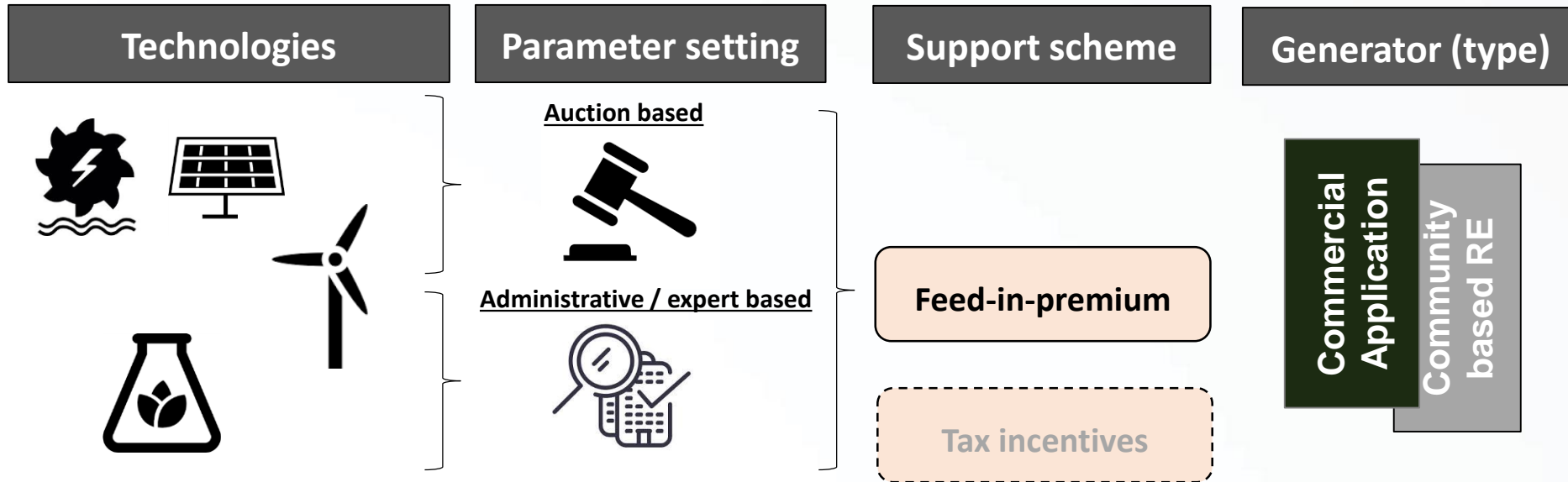
Влада Републике Српске
МИНИСТАРСТВО ИНДУСТРИЈЕ,
ЕНЕРГЕТИКЕ И РУДАРСТВА



РЕГУЛАТОРНА КОМИСИЈА
ЗА ЕНЕРГЕТИКУ
РЕПУБЛИКЕ СРПСКЕ

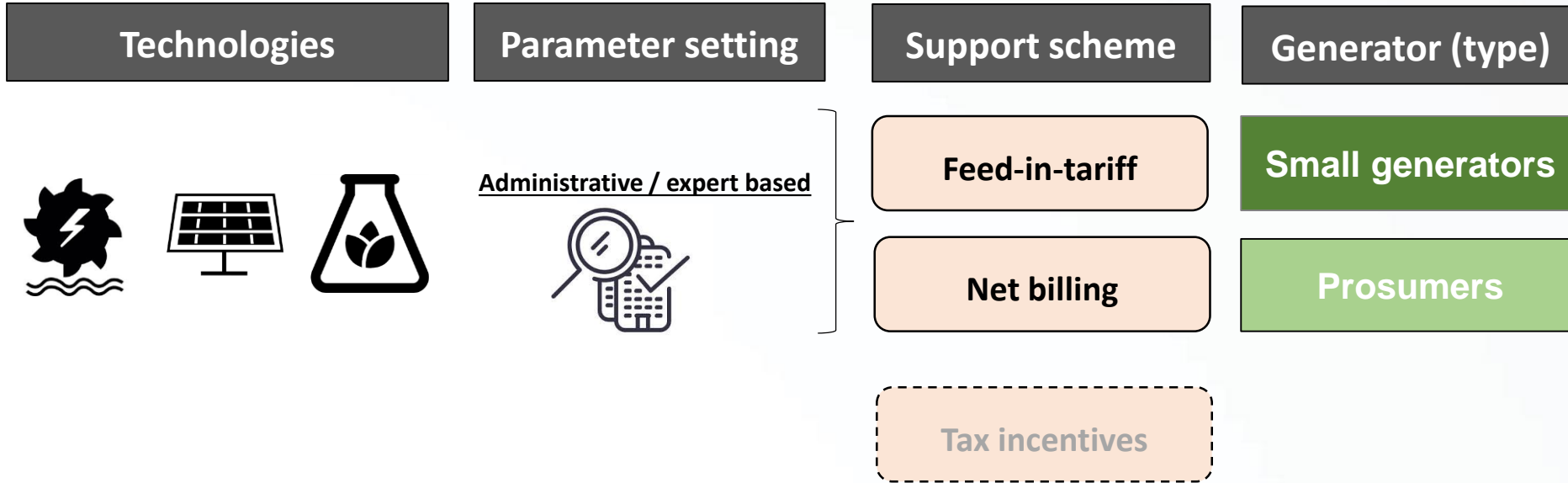


Selected Support Scheme Options – Large-Scale Installations



- EU/EnC Guidelines on State Aid are rather strict on administrative RE support, but
 - market based RE Support Schemes can exist only if operational and liquid electricity market exists
 - there is currently no electricity market in BiH; even if it gets established in the near future, initial price signals may not be fully reliable
 - Transitional planning required

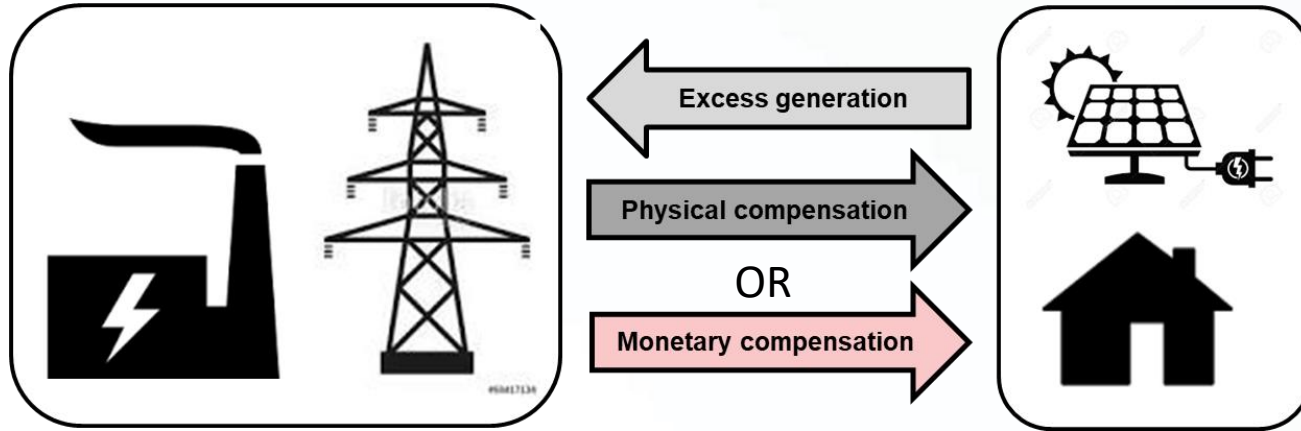
Selected Support Scheme Options – Small-Scale Installations



- For small-scale installations, EU regulation does not foresee market participation
- Network integration is viewed as more important task than market integration
- More and more European support schemes account for the role of prosumers

Support For Prosumers: Net Metering / Net Billing

- Definitions: Net metering refers to physical, net billing to monetary compensation of prosumers by their supplier for excess generation fed into the grid



- RE self-consumption should be actively promoted by net billing (preliminary suggestion)
- Net billing is preferred option for prosumer support for the following reasons
 - technology neutral,
 - applicable only to the households and small businesses,
 - connected to the low voltage networks (0.4kV)
- Detailed recommendations in line with report by Energy Community



Potential Additional Features

- All stakeholders agreed that New RE Support Schemes in BIH should be:
 - Region or area sensitive (when/where applicable),
 - Technology sensitive (to provide reliable generation mix, improve balancing capacities and support emerging technologies),
 - Overall society benefit sensitive
- Sensitivity of RE Support Schemes means giving priority (in terms of additional support, such as tax rebates) to individual projects
- New BIH RE Support Scheme should be designed to enable/support development of the Community Based RE projects



Further Steps

