




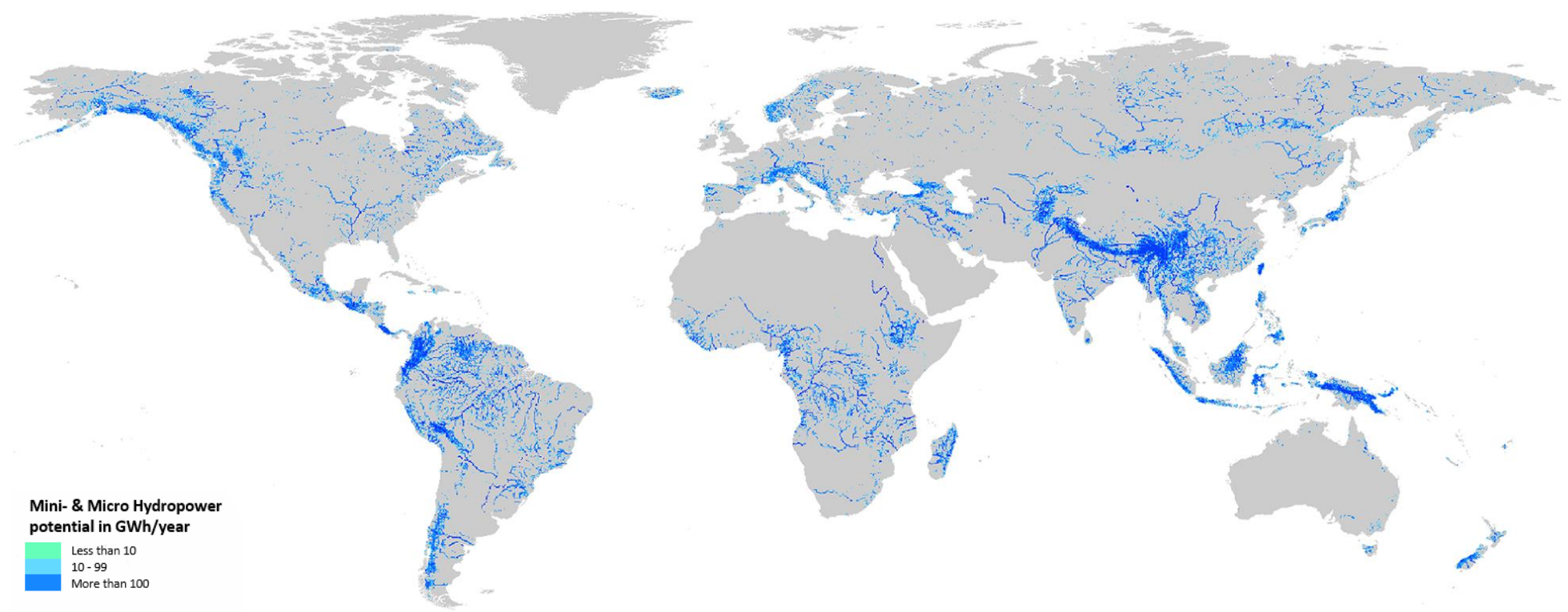
**the plug & play hydropower
to electrify millions of
off-grid homes and businesses**



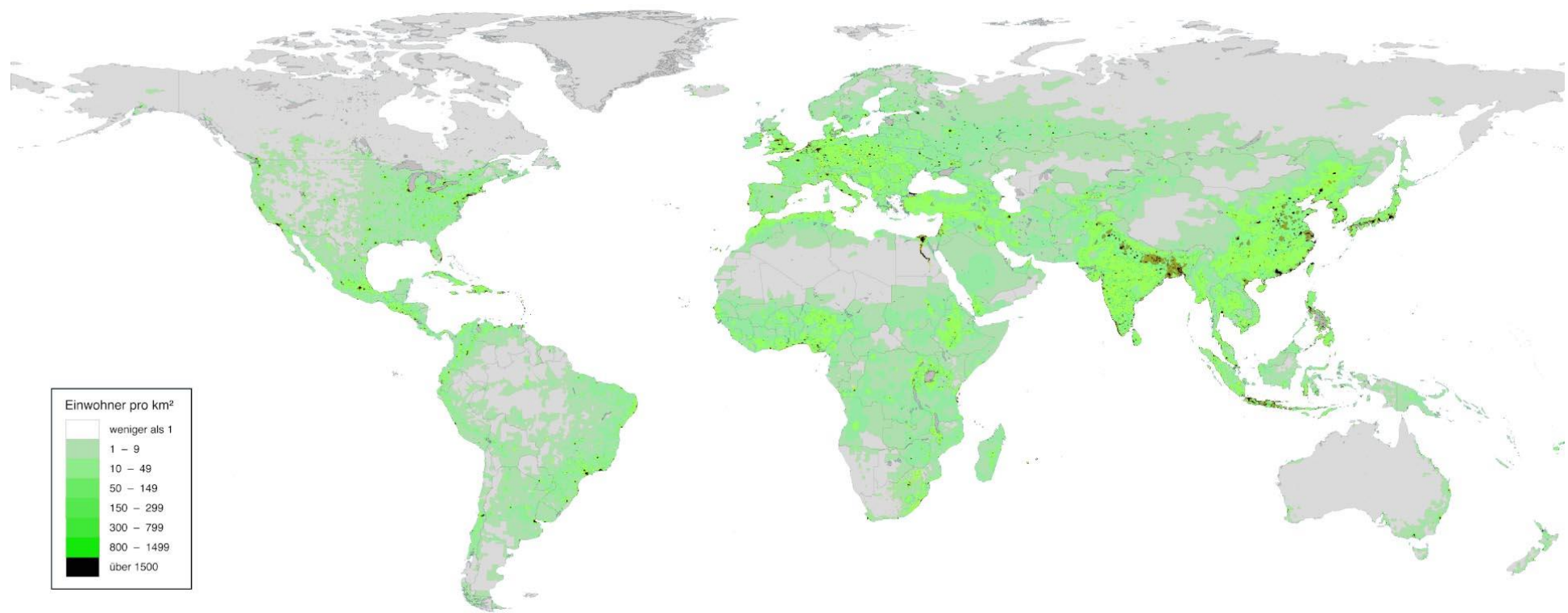
A group of children are sitting on the floor in a dark room, illuminated by the warm glow of several small candles. They are all focused on reading open books. The scene is dimly lit, with the primary light source being the candles, creating a somber and quiet atmosphere. The children are of various ages and are dressed in casual clothing. The background is dark and indistinct, emphasizing the children and their activity.

2.4
**BILLION PEOPLE WITHOUT
ACCESS TO RELIABLE ELECTRICITY**

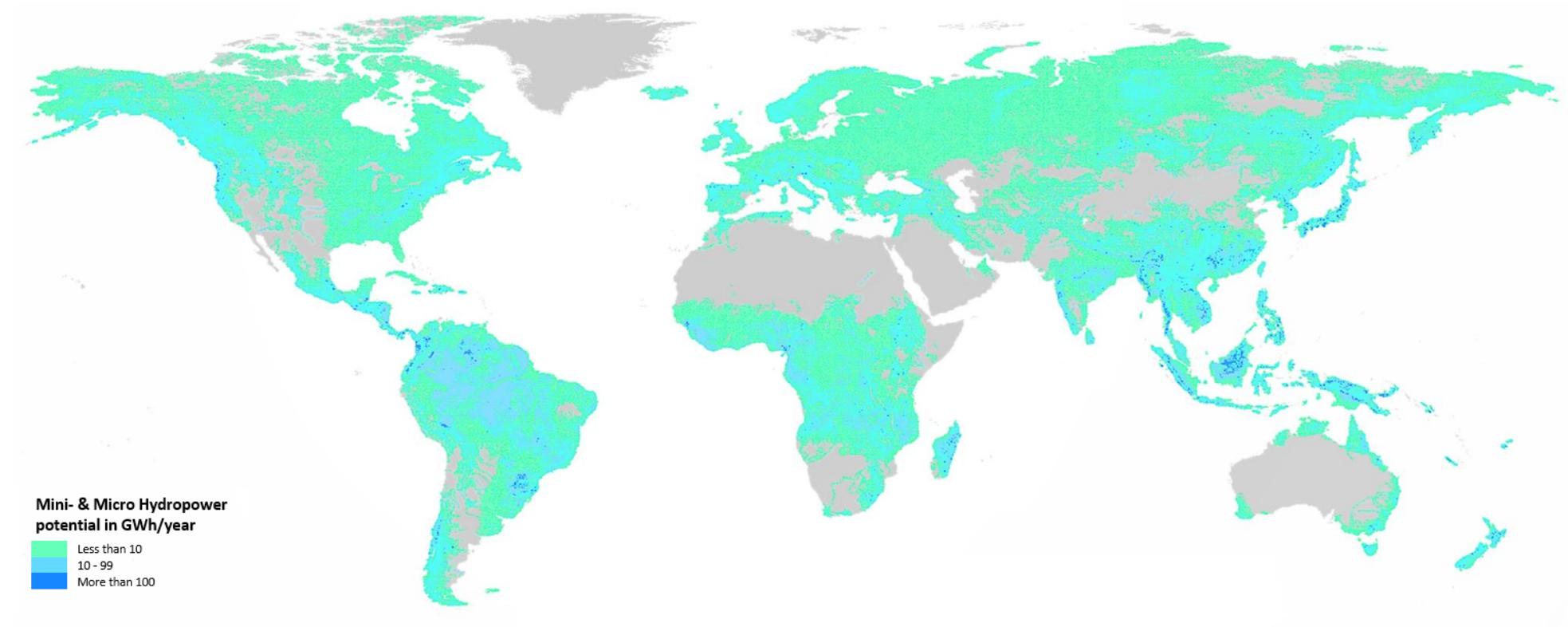
Highly centralised large hydropower

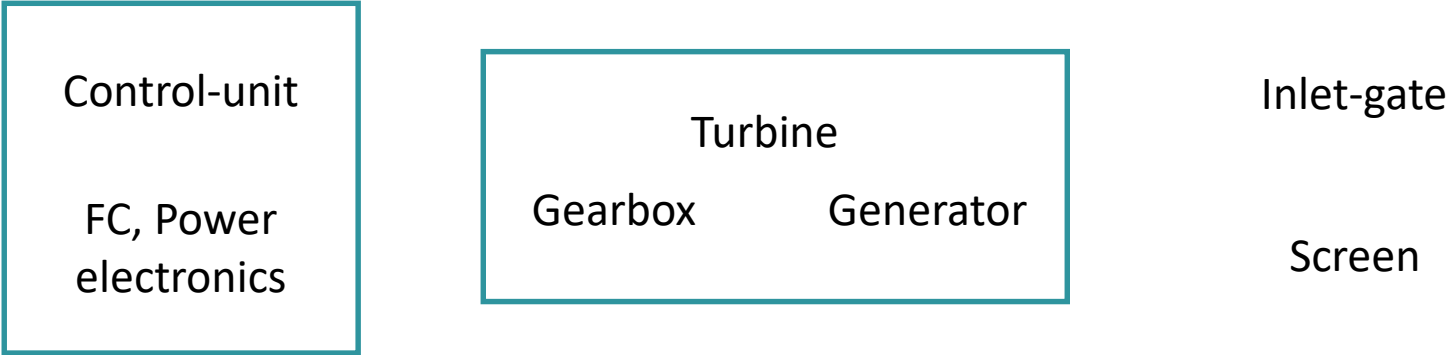


Population density

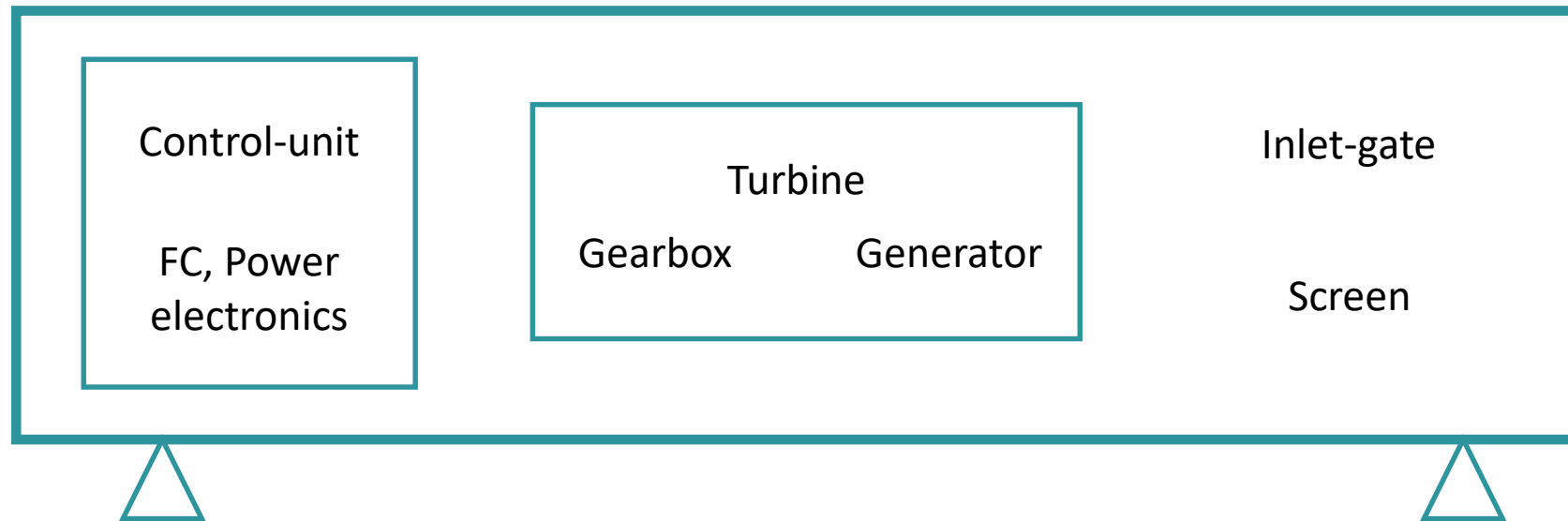


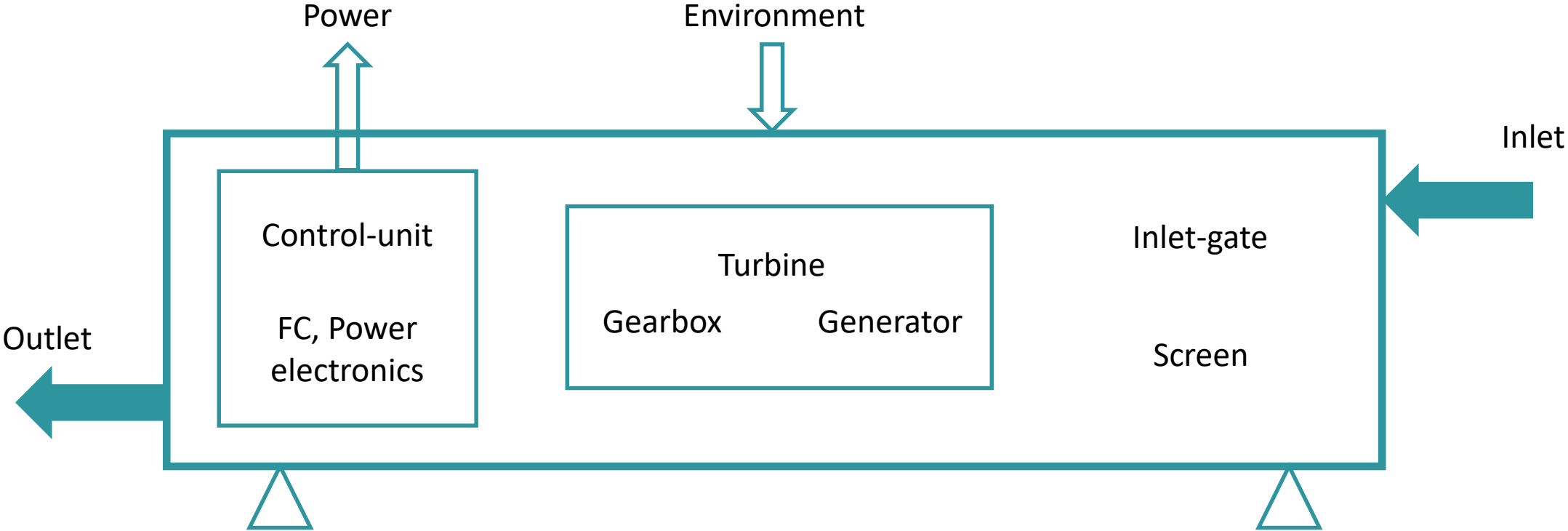
Evenly distributed mini hydropower





Interface reduction & simplification





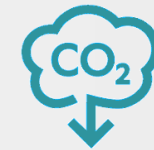
doro-C: World's first plug&play hydropower plant



35 kW



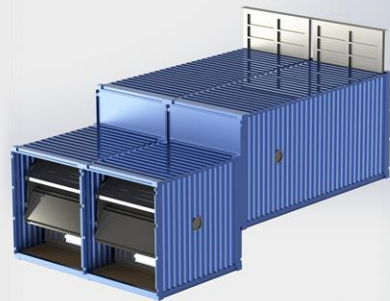
350



3.500.000 kg



Patent-pending



Modular & standardised



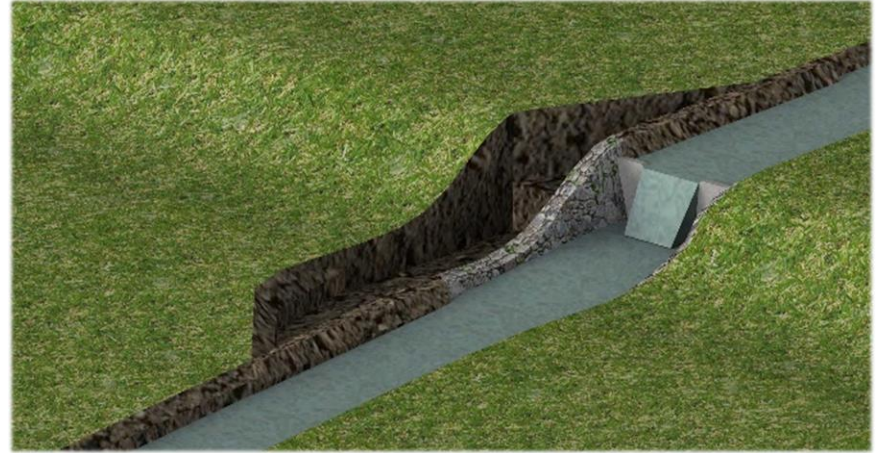
Compact & mobile

doro-C: plug&play without expertise

1



2



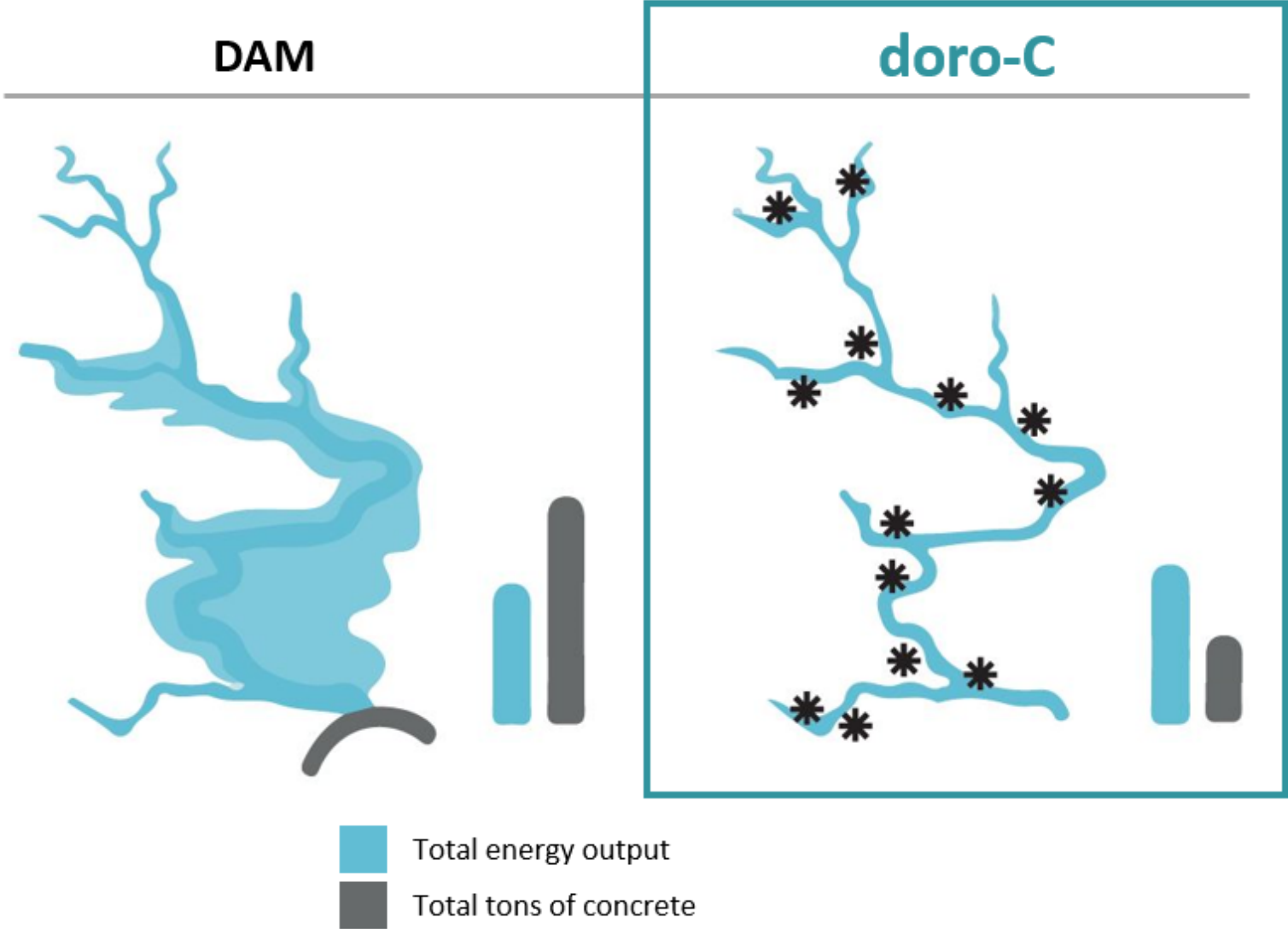
3



4



Conventional hydropower vs. doro-C





SIMPLE.

Within a few days



SUSTAINABLE.

Yet amortisation <2 years



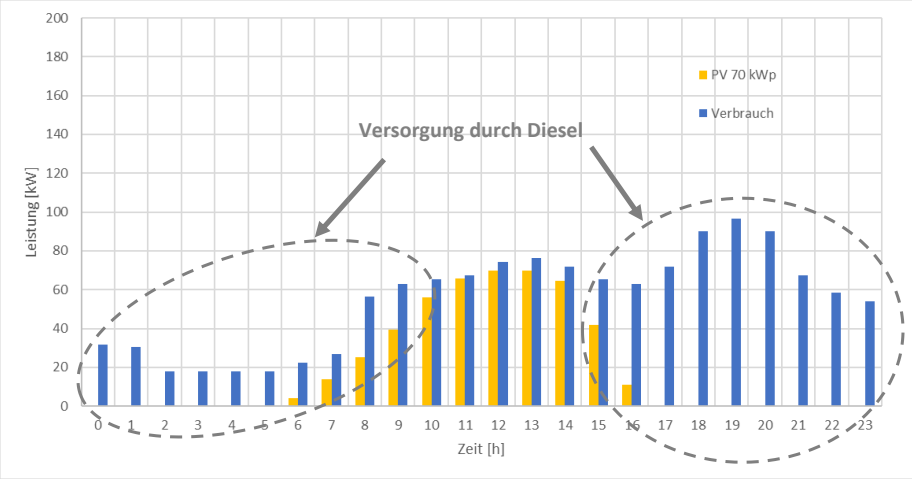
AFFORDABLE.

<50% initial investment

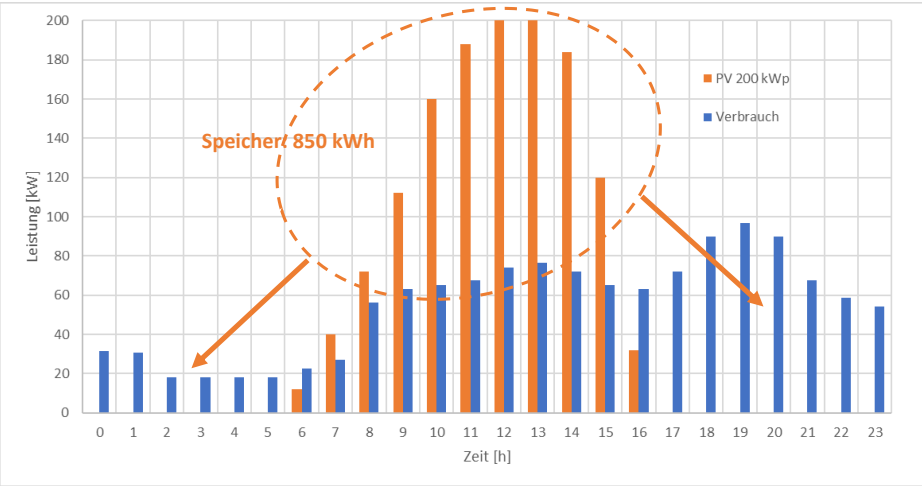
Case Study: Typical load curve



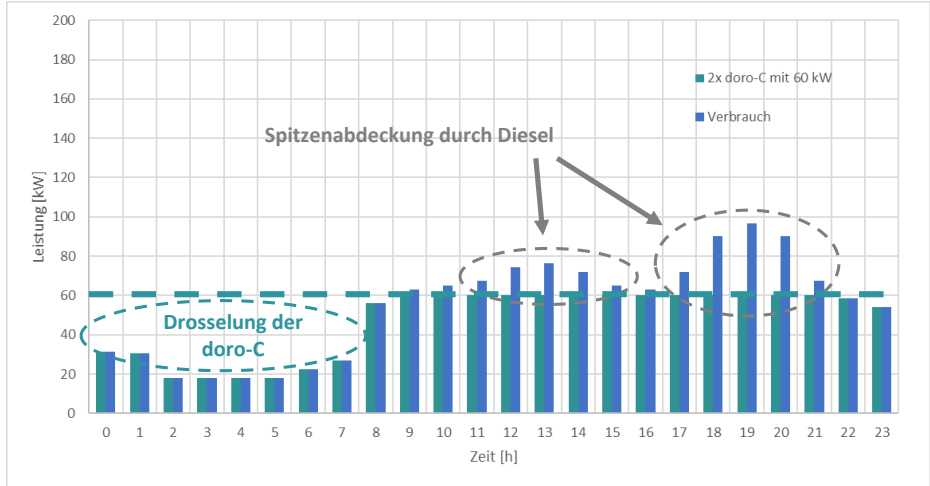
Diesel + PV



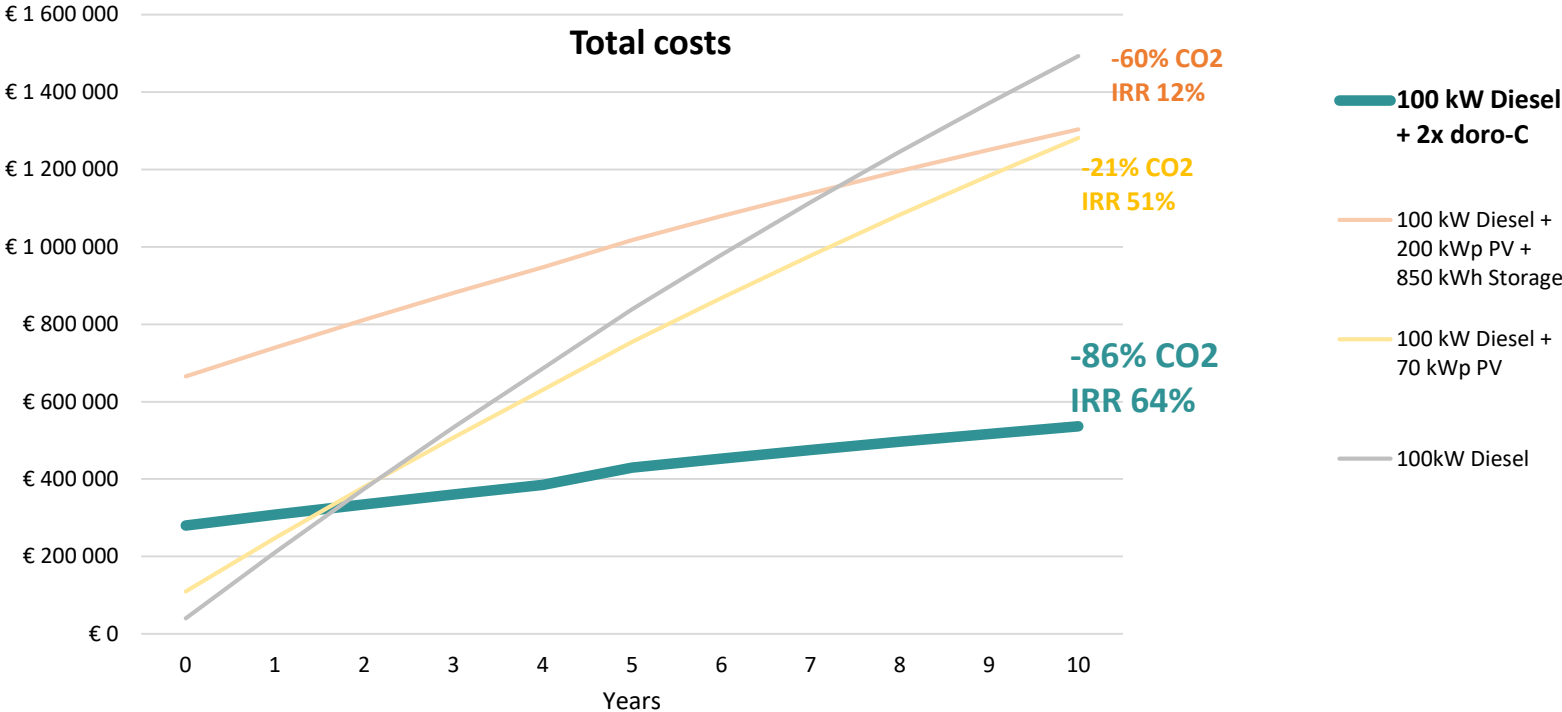
Diesel + max. PV + Storage



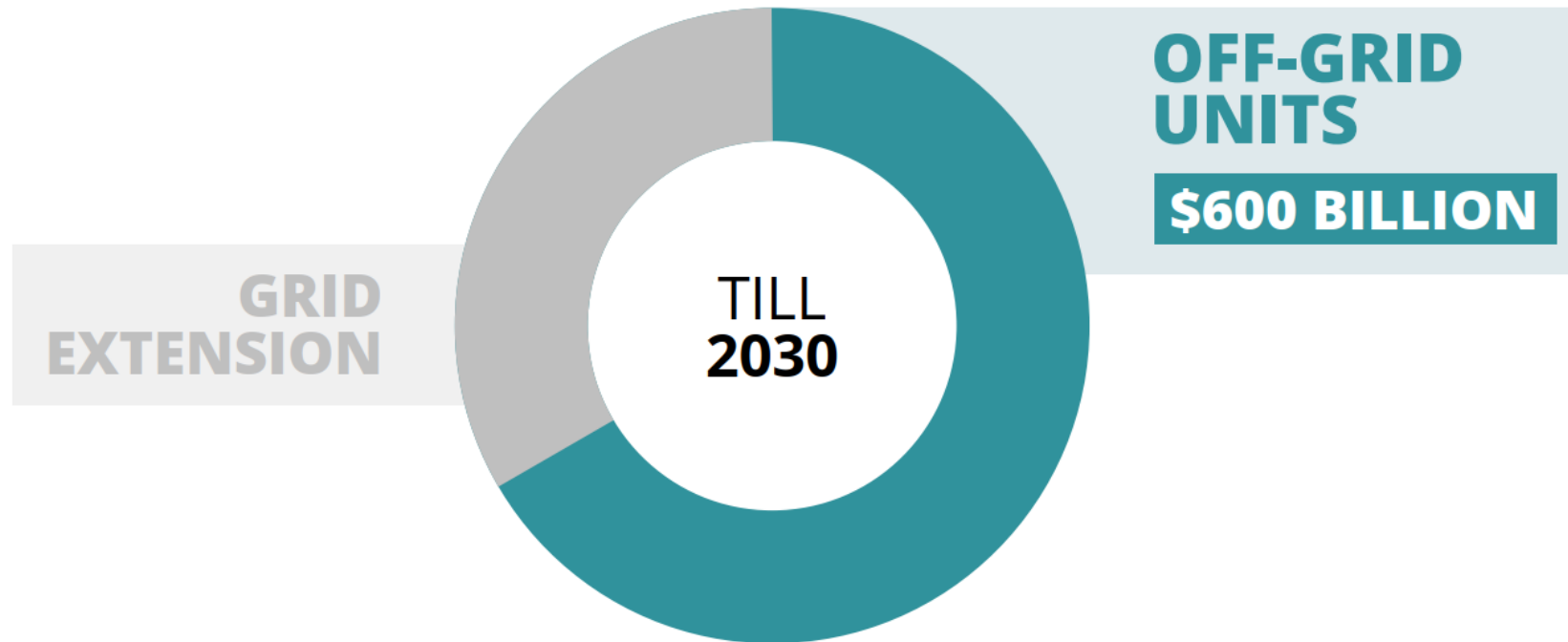
Diesel + 2x doro-C (3 would be possible, too)



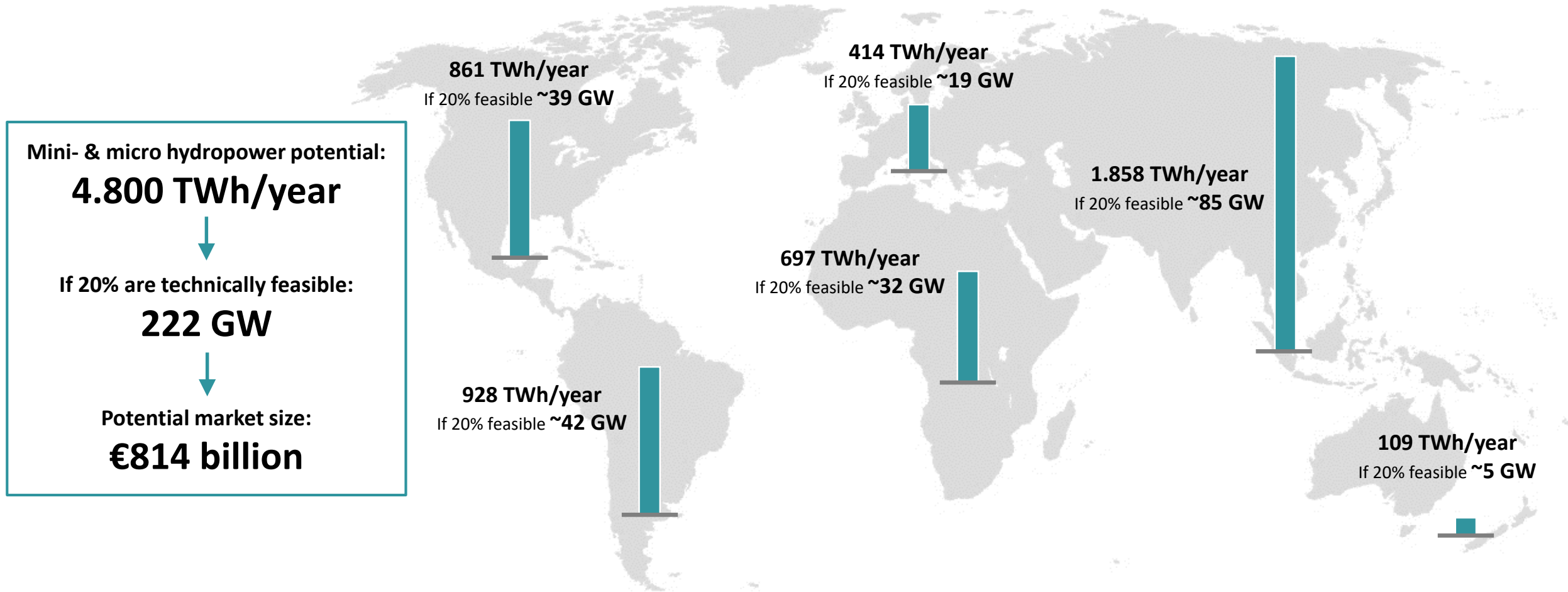
Case Study: Typical load curve



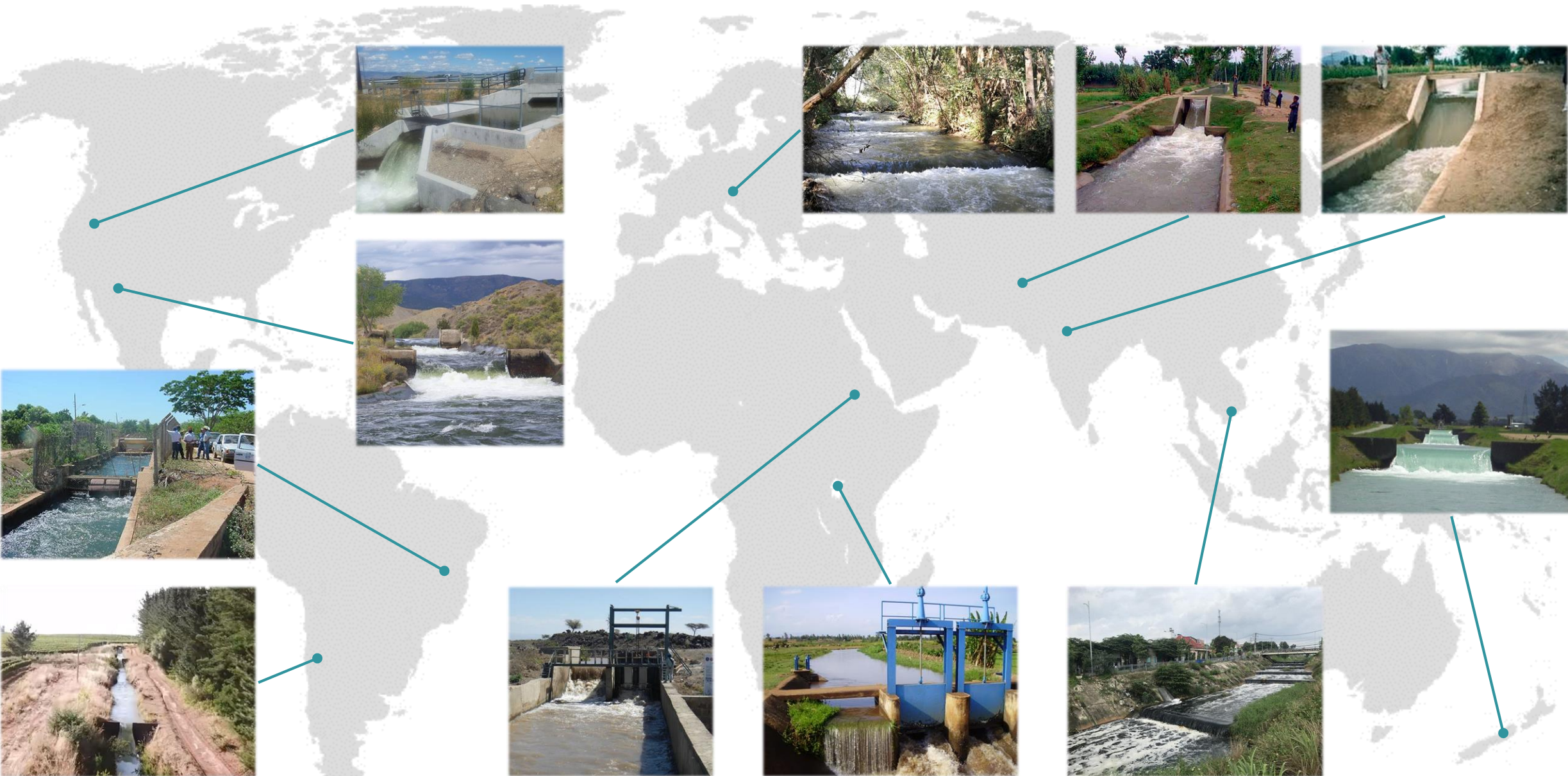
	Diesel	PV	PV + storage	2x doro-C
Total costs	€ 1 492 677	€ 1 281 231	€ 1 303 642	€ 536 569
CO2 savings (= diesel savings)	-	-21%	-60%	-86%
Internal Rate of Return	-	51%	12%	64%
Amortisation period	-	2,2 years	7,3 years	1,7 years
Levelized Cost Of Electricity mix	-	0,327 €/kWh	0,334 €/kWh	0,138 €/kWh
LCOE individual source	0,382 €/kWh	0,110 €/kWh	0,291 €/kWh	0,086 €/kWh



Global potential distribution



Typical sites



Core team, advisors & partners

Core team



Stefan Strein, CEO
In hydropower industry
since 2009



Mario Gürtl, COO
10 years experience in execution of
hydropower projects



Manfred Egger, CTO
Expert in Computational Fluid
Dynamics Simulation

Partners



Advisors



David Bond
Helped companies save
100s of millions of Dollars
by performance excellence



Markus Leitner
Lawyer and
internationalisation expert with
a globally established network



Werner Horvat
Former manager of
steel companies with revenue
>EUR 100 millions



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