

WIE SANIERE ICH MEIN HAUS RICHTIG? Energieeffiziente Gebäudesanierung in der Praxis



ZUR PERSON



Marc Allenbach

- Unternehmer und Solarholzbauer
- dipl. Ing. FH, Fachrichtung Bau
- Inhaber in der 3. Generation
- Solarspezialist seit 2009
- E-Mobilist seit 2012
- Umbaucoach seit 2018

The background image shows the interior of a rustic wooden cabin. The walls and ceiling are made of light-colored wood, with exposed beams. In the center, there is a wood-burning stove. To the right, a kitchen area is visible with a sink and a window. The floor is made of wide wooden planks.

3 Fragen vor der Sanierung

Welches Budget habe ich?

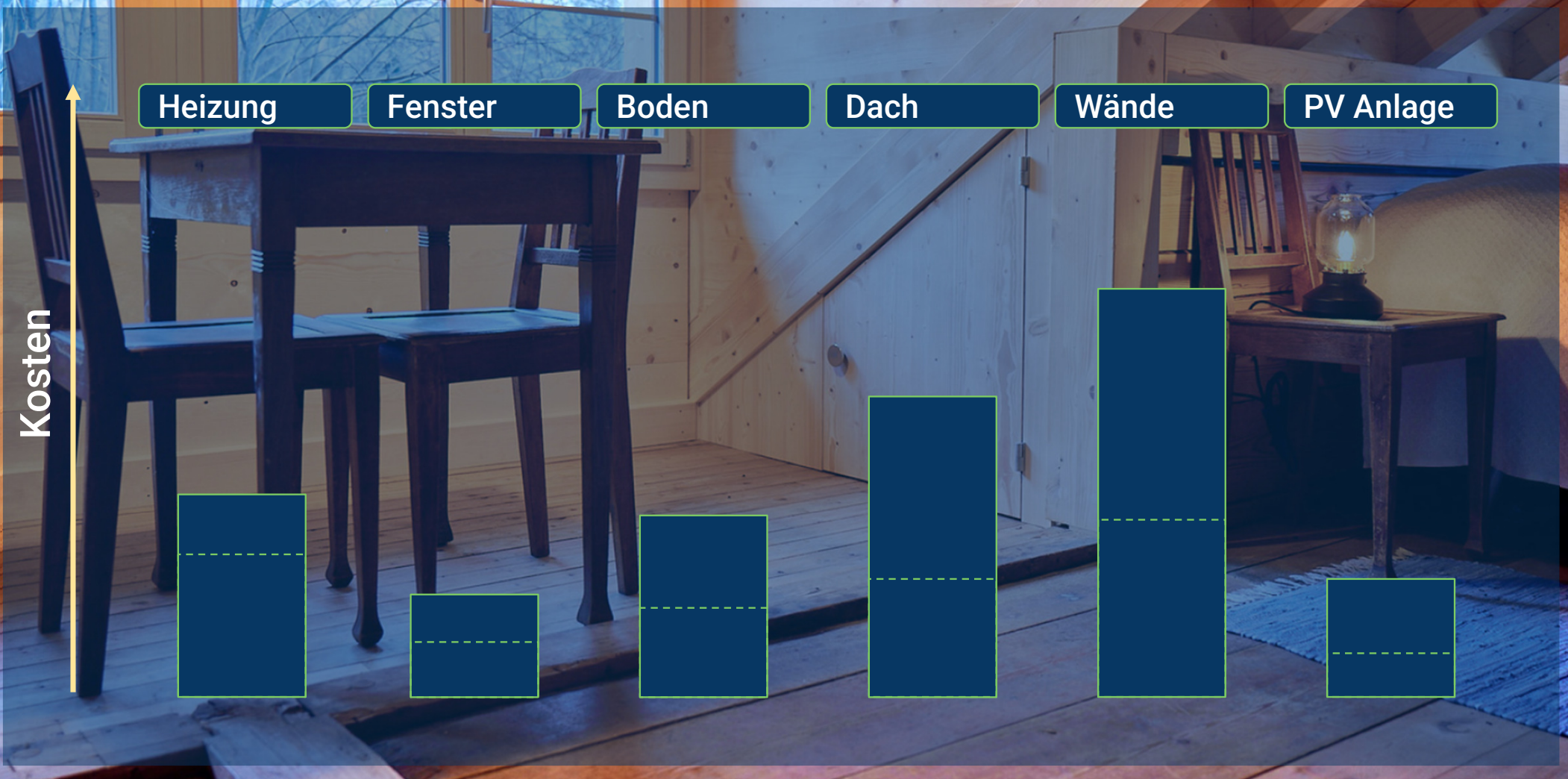
Wo ist "mein Franken" gut eingesetzt?

Welche Massnahme ist Nachhaltig?

Welches Budget habe ich?



Wo ist "mein Franken" gut eingesetzt?



Wo ist "mein Franken" gut eingesetzt?

Grössere Sanierung

Variante 1

Variante 2

Variante 3

Budget 140'000.-

Dach

PV Anlage

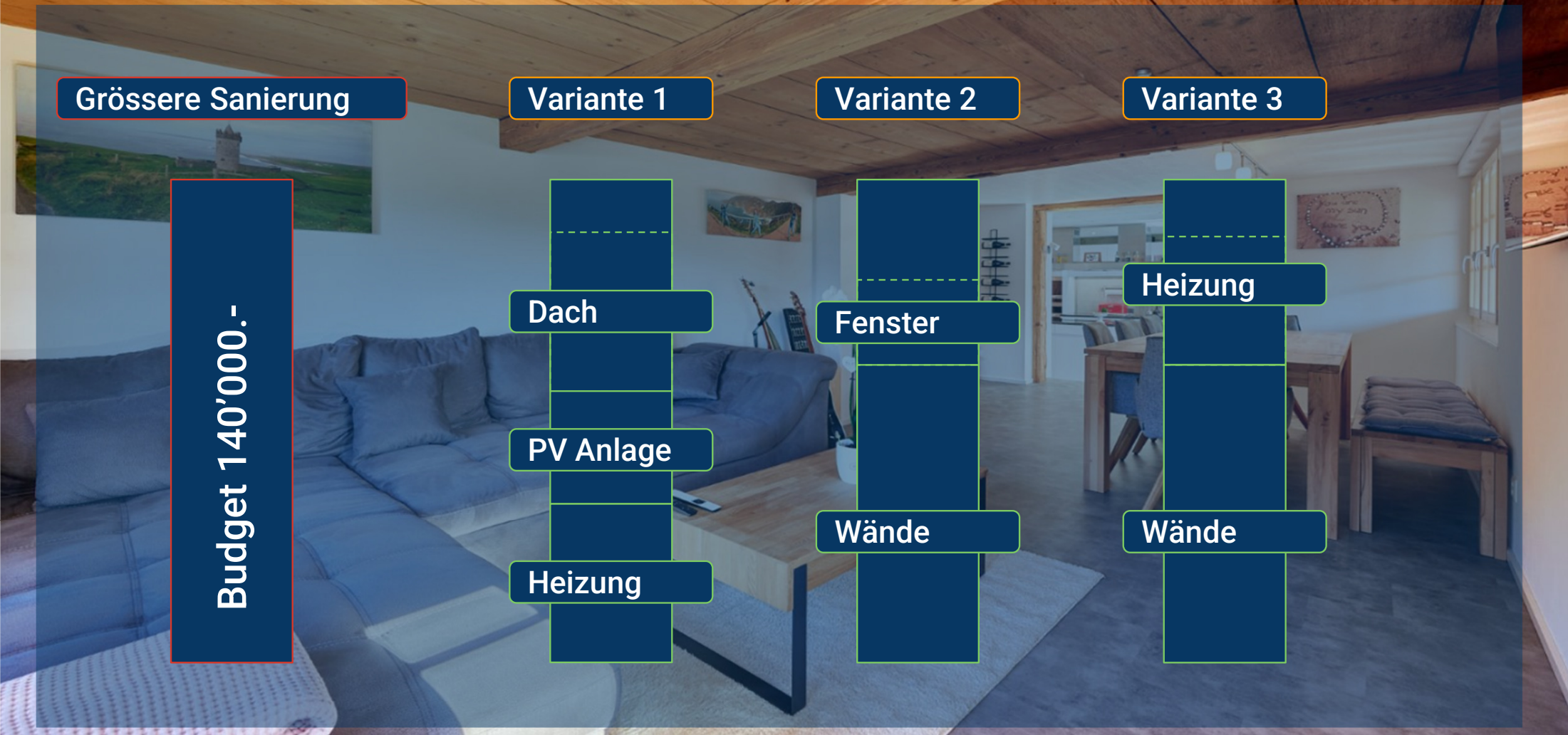
Heizung

Fenster

Wände

Heizung

Wände



The background of the image is a close-up of a wooden interior structure, likely a roof or ceiling, showing wooden beams and planks. Overlaid on this are six green rectangular boxes containing white text. The boxes are arranged in two columns. The left column contains three boxes, and the right column contains three boxes. The text in the boxes asks various questions related to sustainability and building performance.

Welche Massnahme ist Nachhaltig?

Investitionen?

Energieeinsparungen?

CO₂ Emissionen?

Graue Energie?

Lebensdauer?

Komfort?

The background of the image is a close-up of a wooden interior corner, showing the grain and texture of the wood. The corner is formed by two walls meeting at a right angle, with a vertical post supporting the roof structure. The wood is a light, natural color. Overlaid on this image are several text boxes in green and orange, each containing a question related to sustainability and building design.

Welche Massnahme ist Nachhaltig?

Investitionen?

Energieeinsparungen?

CO₂ Emissionen?

Graue Energie?

Lebensdauer?

Komfort?



Welche Massnahme ist Nachhaltig?

Franken pro eingesparter kWh

Franken pro eingespartem Liter Öl

Nachhaltige Kosten

Studie EnWI Dr. Ruedi Meier - EFH in Sursee 1974

	Vor Sanierung Elektroheizung	Neue WP	WP + Dach + PV	WP + Dach + PV + Fassade
Energie- bilanz	33'360 kWh	15'400 kWh	3'000 kWh	-2'500 kWh
Invest.	-	CHF 50'000.-	CHF 140'000.-	CHF 220'000.-
Invest. pro gesparter kWh	-	CHF 2.58	CHF 4.40	CHF 5.90
Invest pro Jahr (30 J)	-	Rp. 8.6	Rp. 14.6	Rp. 19.6

The background image shows the interior of a wooden cabin. The walls and ceiling are made of light-colored wood with visible grain and knots. A wooden beam runs across the ceiling. In the background, there is a kitchen area with a sink and a stove. A window is visible on the right side. The overall atmosphere is warm and rustic.

FAZIT

Haustechnik und/oder Gebäudehülle

Geld, Energie oder CO₂ sparen?

Zeithorizont und Investitionsbetrag

Jedes Projekt ist individuell