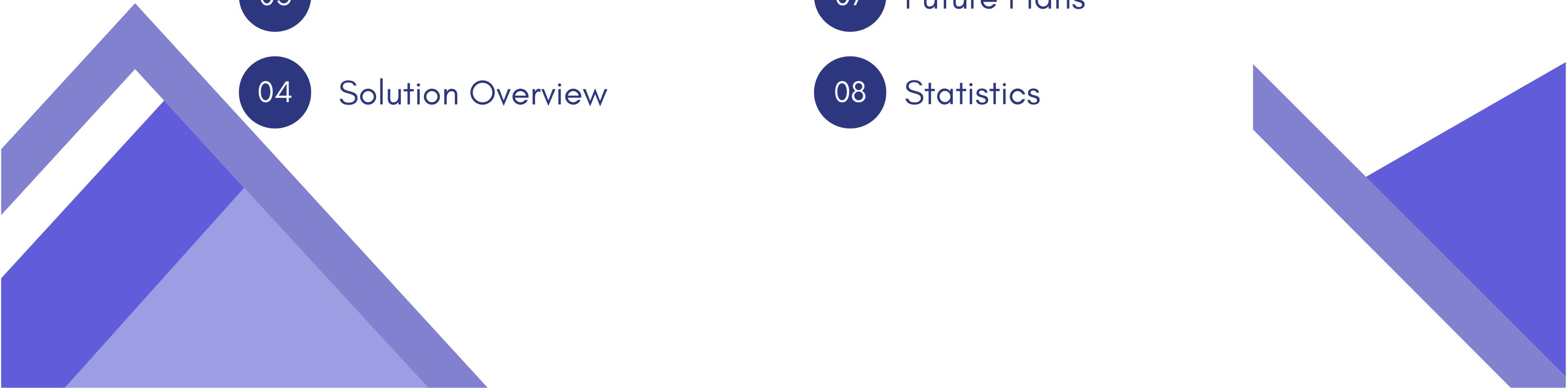




*SoloDryer
Presented by
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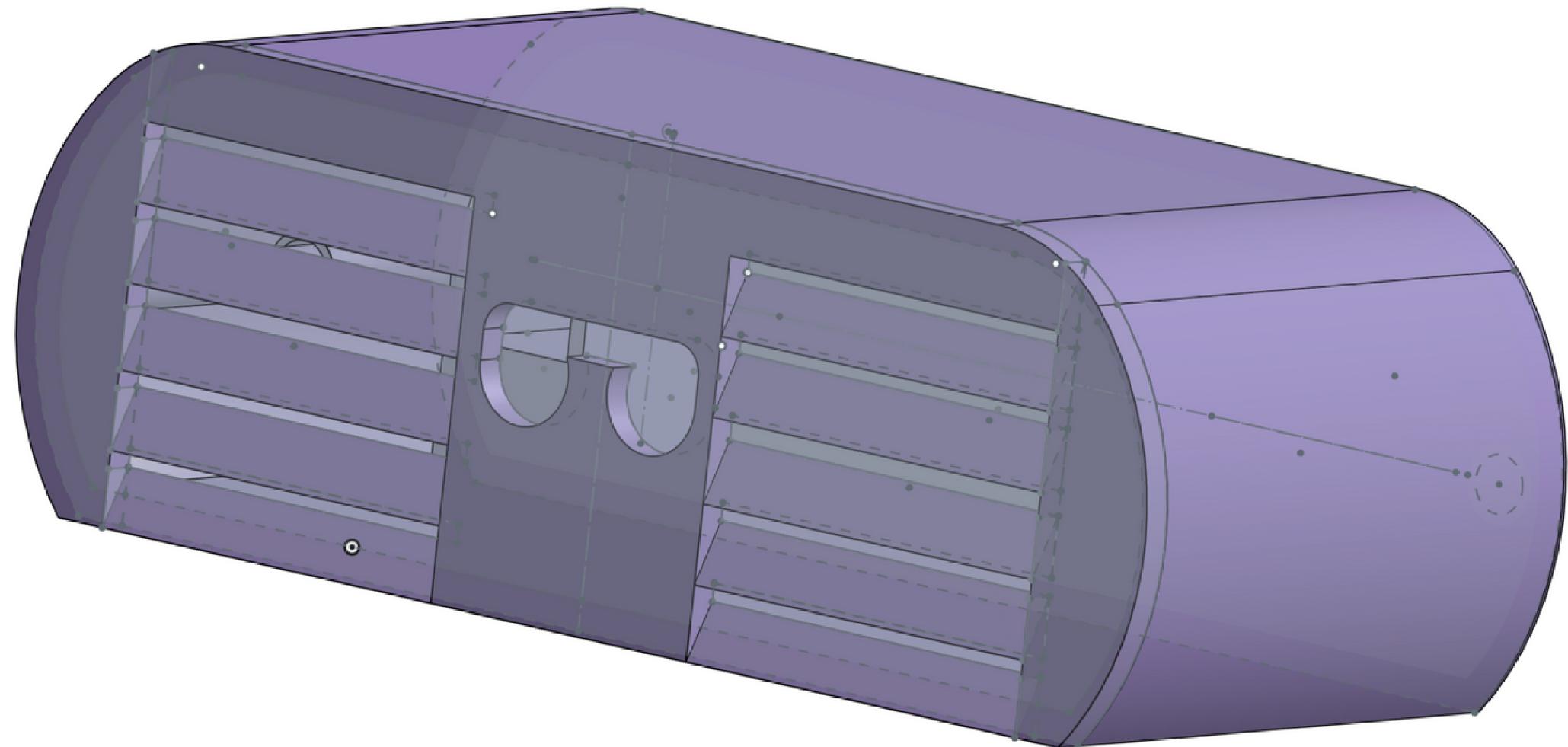
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Introduction

Introducing SoloDryer: Revolutionizing Safety in Wet Environments

In an era where safety and efficiency are essential, we are excited to introduce SoloDryer. This innovative solution is designed to address a common but critical issue: slipping and falling on wet surfaces.



Purpose of SoloDryer

to provide a proactive solution that enhances safety and prevents slipping in wet environments.

With a deep commitment to innovation, my goal is to reduce the risks associated with wet feet.

Problem Statement

Wet feet pose a significant hazard in various settings, ranging from mosques to bathrooms to commercial spaces such as swimming pools, spas, gyms.

Slipping and falling damages :

- **Fractures and sprains:** Falling on a wet surface can lead to broken bones and sprained joints
-
- **Head and brain injuries:** leading to concussions, traumatic brain injuries, or other head-related injuries.
- **Back and spinal cord injuries:** The impact of a fall can result in back injuries, and spinal cord damage, .

Solution overview

SoloDryer is created to enhance slip resistance, thus, it employs a distinctive mechanism that expels air outward. Crafted with ingenuity, it's a user-friendly design which is easy to use.

Technical Details

Sensors used

Arduino Uno

Ultrasonic

H Bridge

Fans

Power Supply

FUTURE PLANS

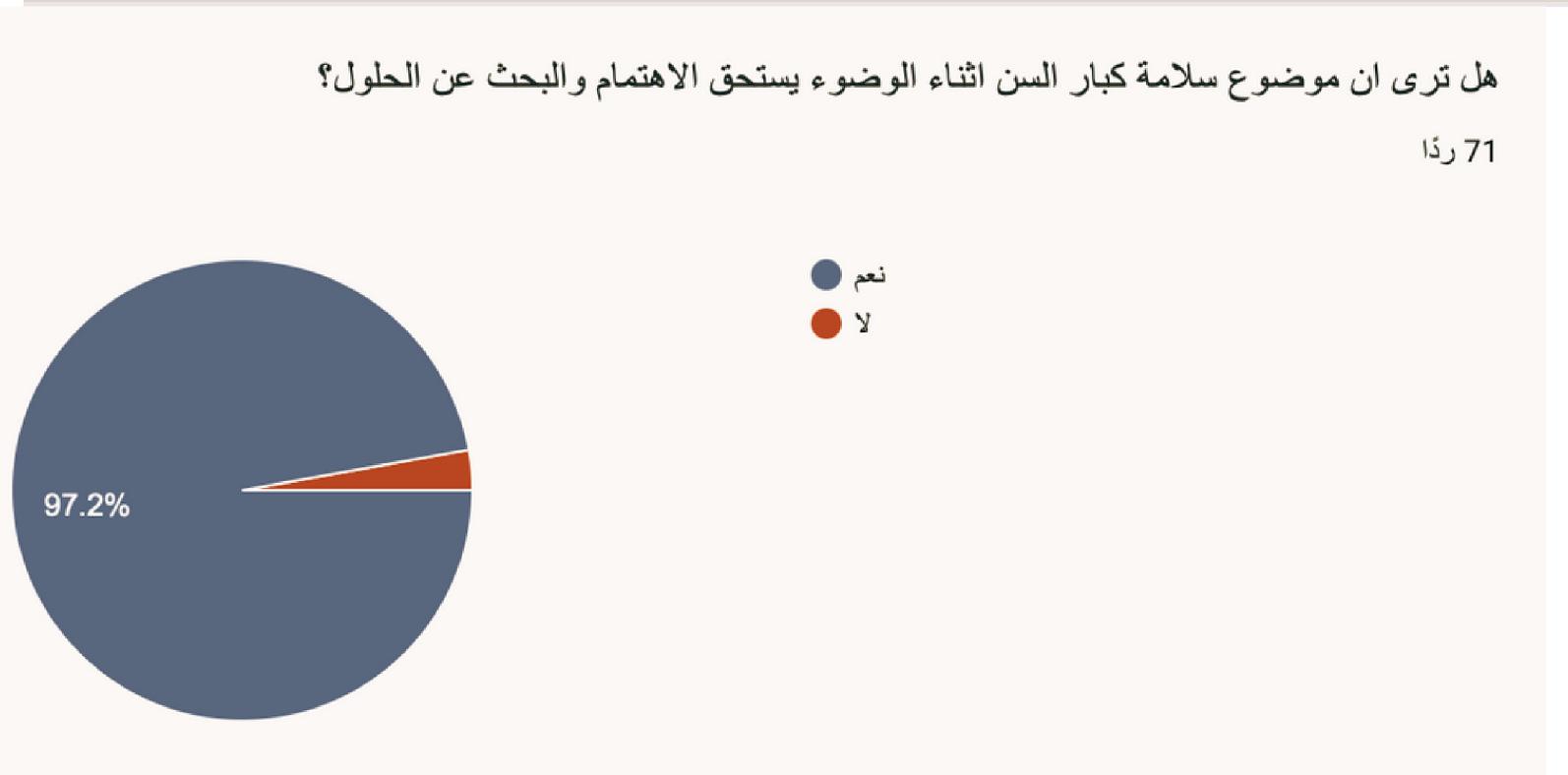
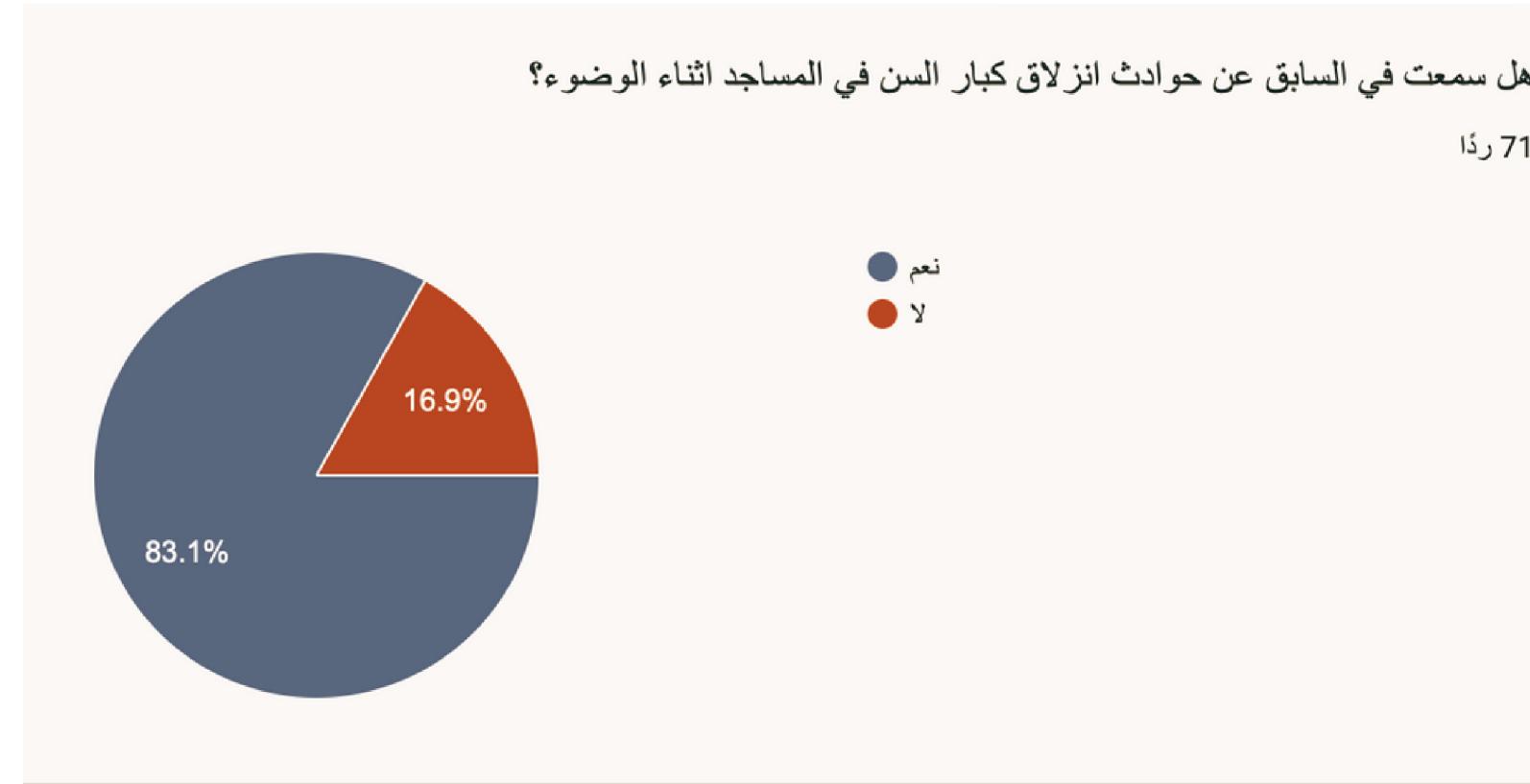
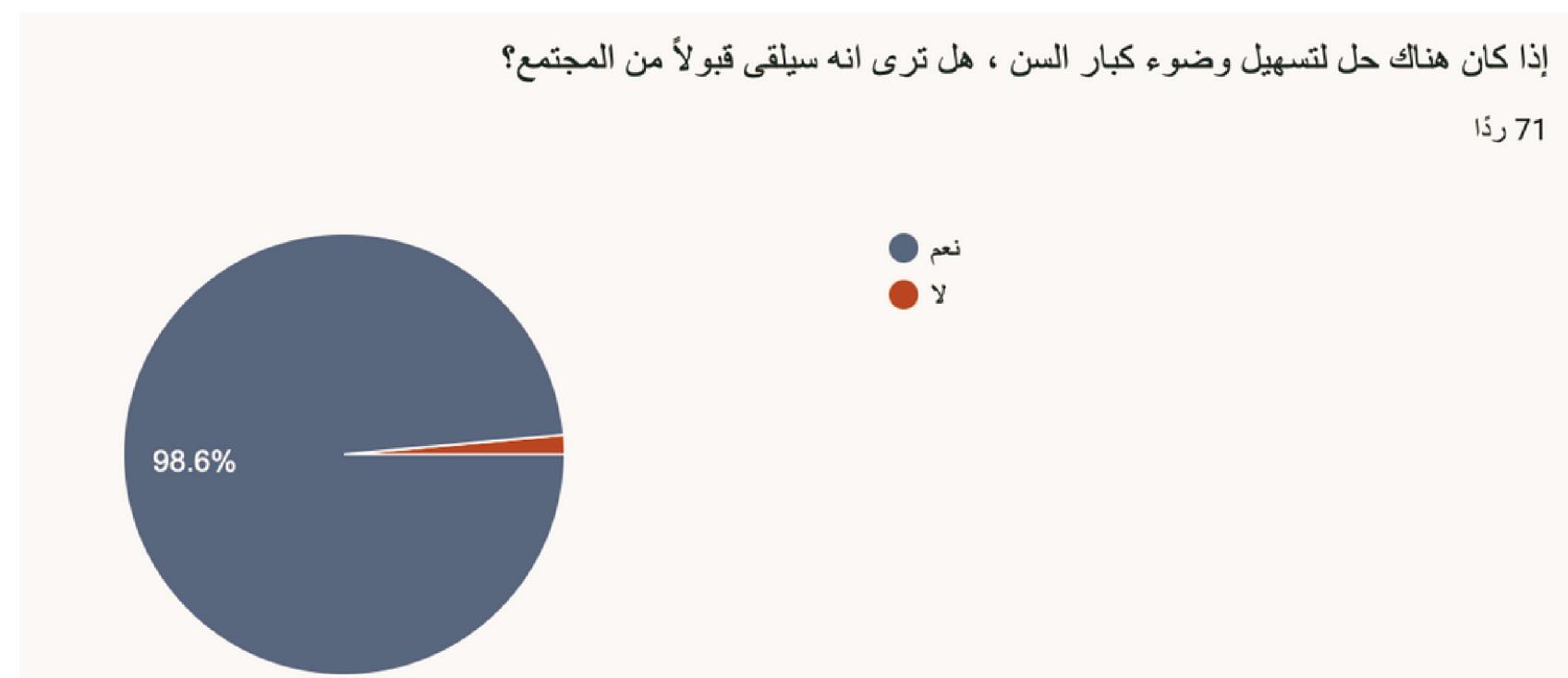
Our Future plans for SoloDryer include enhancing its functionality to allow control over the air temperature, enabling users to choose between hot and cold air.



Statistics

To demonstrate the efficiency of our innovation, we have compiled statistics.

These data points highlight the significant improvement in slip resistance achieved by the Solo-Dryer.





Thank You